



***Historical Characterization
and Data Gaps***

***Old Bremerton Gasworks Property
1725 Pennsylvania Avenue
Bremerton, Washington***



***Prepared for
Washington State
Department of Ecology***



***May 2, 2007
17330-07***



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Prepared by
Hart Crowser, Inc.



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**HISTORICAL CHARACTERIZATION AND DATA GAPS
OLD BREMERTON GASWORKS PROPERTY
1725 PENNSYLVANIA AVENUE
BREMERTON, WASHINGTON**

1.0 INTRODUCTION

As part of preparing a work plan to conduct a Remedial Investigation/Feasibility Study (RI/FS) for the Bremerton Gasworks Property (Property), Hart Crowser evaluated available historical records for the Property and two adjacent sites. The former Bremerton Gasworks Property is located at 1725 Pennsylvania Avenue in Bremerton, Washington (Figure 1). The two adjacent sites were the location of the former Richfield Oil (northwest adjacent site) and former General Petroleum Corporation (northeast adjacent site).

The Property was occupied by a gasification plant from the 1930s to the 1970s. Our historical records evaluation provides information on the current conditions and past practices at the Property to evaluate whether it is likely that potentially adverse environmental conditions may be present. In addition, information regarding current and past practices at the two adjacent sites is also provided.

Hart Crowser's historical records evaluation included:

- Conducting a site reconnaissance to observe accessible areas of the Property and a drive-by reconnaissance to observe surrounding sites;
- Reviewing available historical documents for the Property and adjacent sites such as Sanborn Fire Insurance Maps, county tax records, city street directories and atlases, historical aerial photographs, topographic maps, and other readily available historical records;
- Conducting interviews of knowledgeable individuals regarding the Property and surrounding area;
- Reviewing regulatory agency database lists and files for the Property and adjacent sites; and
- Reviewing environmental reports and regulatory documents of the Property provided to Hart Crowser by Ecology.

This historical evaluation was performed pursuant to the Washington State Department of Ecology Toxics Cleanup Program Hazardous Substance Site

2.0 PROPERTY DESCRIPTION

The former Bremerton Gasworks Property encompasses approximately 3.68 acres. The Property is bounded on the north by the Port Washington Narrows, Pennsylvania Avenue to the east, Thompson Avenue to the west, and residential areas and the remainder of the Penn Plaza Industrial Park, which is not part of the Property to the south (Figures 2 and 3).

Currently, the Property consists of three parcels, which include the northern portion of the Penn Plaza Industrial Park (2.42 acres), the former Gasworks parcel (0.71 acre), and the Sesko parcel (0.55 acre). Major current tenants within the Industrial Park include British Aeronautical Engineering (BAE) Systems Maritime Engineering Services (formerly Corrosion Engineering Services), Fraser's Interiors, Ablitt Metal Products, NW Spirals Inc. and Penn Plaza's storage warehouses. BAE Systems conducts ship repairs and maritime corrosion prevention services at the Bremerton Naval Shipyard; Fraser's Interiors manufactures granite countertops, Ablitt Metal Products is a sheet metal products manufacturer, and NW Spirals manufactures spiral pipes and fittings.

The Property is surrounded by residential homes, a bulk fueling facility, a boat propeller manufacturer, and a marina (Figures 2 and 3).

3.0 GEOLOGY AND HYDROGEOLOGY

The review of geologic and hydrogeologic conditions is based on a Targeted Brownfields Assessment Report for the Old Bremerton Gasworks Site prepared by TechLaw, Inc. and dated November 2006 (EPA 2006a and 2006b) and information available in Hart Crowser records.

The Property is located within the Puget Sound Lowland, which was formed by multiple glaciations that have occurred over the last several million years. The most recent of these periods was the Vashon Stade of the Fraser Glaciation, approximately 15,000 years ago.

The uppermost geologic layers at the Puget Lowland consist primarily of Pleistocene glacial, alluvial, and marine sediments; however, older stratigraphic units exposed in the coastal bluffs overlooking Puget Sound are non-glacial sand, silt, and clay overlain by the Vashon drift. The basal member of the Vashon Drift

is the Lawton Clay; a widespread deposit of dense glacial clay and silt overlain by a sand member called the Esperance Sand. The Esperance sand grades laterally into outwash deposits of the Vashon Drift, containing from youngest to oldest, recessional outwash, till, and advance outwash deposits. The Vashon recessional outwash typically contains unconsolidated sand, gravel, and cobbles, and has a high hydraulic conductivity. The till underlying the outwash is a very dense, gravelly, silty Sand and clayey, sandy Silt.

The Property lies above the Puget Lowland Aquifer formed in the unconsolidated sand and gravel glacial deposits of the Vashon Drift. At depth, these sand and gravel deposits are discontinuous but can yield large volumes of water to wells.

4.0 HISTORICAL CHARACTERIZATION

Hart Crowser researched the history of land use activities on the Property and the two adjacent sites to identify potential sources of contamination or activities that could impact the Property. The historical characterization of the Property and the adjacent sites was developed from the following sources:

- Aerial Photographs (Aero Metric 1946, 1956, 1963, 1971, 1977, 1985, 1993, 1997, and 2003);
- Topographic maps (USGS Bremerton 7.5 Minute Quad 1947, 1953, 1968, and 1973);
- Sanborn Fire Insurance Maps (EDR 1947 and 1968);
- R.L. Polk City Street Business Directories—City of Bremerton (EDR 1942, 1948, 1946, 1952-53, 1957, 1960, 1963, 1973, 1977, 1982, 1986, 1987, and 1990); Cole's Cross-Reference City of Bremerton Directories (2000);
- Regulatory files provided by Ecology;
- A historical environmental report prepared for the City of Bremerton investigating fire hazards and waste disposal practices at the former gas manufacturing plant (Tymstra 1942); and
- Interview with Wally Bartlo, Manager for Penn Plaza Industrial Park and Storage.

Dates in the text refer to historical records and provide an approximate indication of the period of operation for each business or activity identified, except where explicitly stated. Aerial photographs are presented in Appendix B, the historical environmental report is presented in Appendix C, and the Sanborn Fire insurance maps are presented in Appendix D. Appendix E presents a copy of the EDR report.

4.1 The Property

Former Bremerton Gasworks Parcel

Information provided in the following sections was obtained from a review of historical records, aerial photographs, Sanborn Fire Insurance Maps, city street directories, and regulatory files.

Property Ownership Summary

The oldest documents reviewed were historical title records for the Property provided with Ecology site file documents. According to the title records, private individuals owned the Property until November 1930 when the Western Gas & Utilities Corporation obtained Quit Claim Deeds from the private owners of the parcels and filed "Lease and Bond" and "Assignment of Franchise" papers with the City of Bremerton for the Gasworks parcel. The papers were "for the right to operate a gasworks and to lay gas pipes and mains" on the parcels between Thompson and Pennsylvania Avenues. In August 1931, Western Gas & Utilities Corporation converted to the Western Gas Company of Washington, and in 1952, the plant was deeded to the Bremerton Gas Company. Bremerton Gas operated the plant until 1953 when several local gas companies merged and formed Cascade Natural Gas.

Among the title records reviewed, a document describing a 1941 agreement between Western Gas Company of Washington and Bremerton Gas was identified. The agreement was for the purpose of dumping ashes from an incinerator to be constructed on the parcel. A 1956 deed between Bremerton Gas and Cascade Natural Gas mentioned the transfer of equipment at the facility including "one 16,600 cubic foot (cf) water gas generator, a 25,000 cf holder tank, two propane tanks, and 23 miles of underground mains and laterals."

It is unclear when the gasworks plant operations ceased but the Property was sold to H. Lent and T. Bloomberg (Lent's Inc.) in 1972; however, according to historical aerial photographs the plant dismantling had commenced in 1971. Based on this information, we assume the plant may have operated until the late 1960s to the early 1970s.

In 1979, the McConkeys (current owners of Penn Plaza) bought the Gasworks, Penn Plaza, and the Sesko parcels. The deed indicated the sale did not include the gasworks plant's infrastructure such as the tank farm, dock facilities, ten 20,000-gallon fuels tanks and related pumps, valves, and bulkheads. In November 1980, Mr. Sesko released its option to lease the Gasworks parcel from the McConkey's but continued leasing the now-called Sesko parcel. In 1992, Sesko purchased its current parcel from McConkey. The heirs to the McConkeys and the Seskos retain ownership of the three parcels today.

Gasworks Manufacturing Plant Operations

Not much is known about the plant operations and it is unclear whether coal or oil was the raw material for the gasification process; however, based on the presence of fuel tanks and the lack of coal piles in historical aerial photographs, it is assumed that oil was used for production of gas at the facility. Historically, manufactured gas was produced by pyrolyzing coal (coal gas) or oil (oil gas) at high temperatures to produce gas and tar waste material. Oil gas plants were more prevalent on the West Coast where oil was more abundant than coal (Edison Electric Institute 1984).

A report prepared for the City of Bremerton in 1942 describes some of the disposal practices at the plant. The report, titled *An Investigation of the Western Gas Company of Washington Bremerton Washington pertaining to Fire-Hazard at the Gas Plant, Disposal of By-Products, and Proposed Piping Ordinance* (Appendix C) was written by University of Washington Professor and Registered Engineer, Sybren Tymstra, for the City of Bremerton.

In this report, Mr. Tymstra describes how the water gas was filtered in an "apparatus" filled with wood chips to remove the tar from the gas. Mr. Tymstra mentions that the wood chips become "covered with it (tar)" and are later disposed of. Mr. Tymstra further states that the "tar-laden wood chips and the previously used tar-covered excelsior as well as soot from the water gas machine, is dumped at the edge of the plant near the oil-storage tanks in order to fill a gully." This statement agrees with our observations from the aerial photographs where the shoreline appeared to be extended on the northeast corner of the parcel. The only issue he identified with this practice was that the dump was too close to the oil tanks and represented a fire-hazard.

In the document, Mr. Tymstra indicated the plant's disposal by-products consisted of "water gas tar, tar emulsion (combination of tar and water), and effluent liquor, which is mostly water mixed with a little tar and oil." In the article, Mr. Tymstra indicates the tar is sold, the effluent is cooled and "sent to the bay through a drain pipe," and the tar emulsion is "dumped in shallow pits dug

at random in the ground.” He indicated that since “the pits and pools containing this emulsion are not guarded or fenced in...therefore they constitute a safety hazard for children playing around them and for others cutting across the vacant property on which these pits are located.”

In his recommendations, Mr. Tymstra indicated that:

- The “tar laden excelsior which is exposed to sight or easily accessible should be raked out of the dump, carried to a safe place and burned;”
- The “tar-covered wood chips, when dumped, should be evenly spread or raked out and be covered with a layer of the soot. This in turn should be covered with a layer of the ashes and cinders now dumped elsewhere;”
- “The disposal of effluent into the bay should be tolerated as long as it does not constitute too great a nuisance;” and
- “The gas company should be allowed to dispose of this (emulsion) at its own discretion, in either of two ways: (1) to cover the unpaved road to its own plant with a very thin layer...(2) to continue to dump it in shallow pits.”

Penn Plaza and Sesko Parcels

According to the Sanborn maps, historical aerial photographs, and the city directories, the Penn Plaza parcel had four original buildings in the 1940s housing CB Concrete, a pipe shop, a sheet metal shop, a plumbing supplies warehouse, and general storage. Several buildings and additions to the original ones were constructed in the mid-1950s and during the 1970s, and were leased by numerous businesses including sheet metal manufacturers, pier manufacturers, shipbuilders and repairs, electrical contractors, concrete block and sewer pipe manufacturers, electroplating, a marine propeller repair business, a granite countertops manufacturer, and storage. Additional information on these businesses is provided in the ***Sanborn Fire Insurance Maps Review*** and ***City Street Directories Review*** sections.

Property Ownership Summary

According to the title records and other historical documents, private individuals owned the Sesko parcel during the 1920s and 1930s and portions of the Property were owned by the City of Bremerton and the Gasworks in the late 1930s and early 1940s. During the 1940s, a residence was still present at the Sesko parcel; however, ten above-ground storage tanks (ASTs) and the fuel pier/dock from the bulk plant were present. It is unknown who operated the

bulk plant and fuel pier or exactly when the ASTs were removed. However, aerial photos indicate the ASTs had been removed by the early to mid-1990s.

The title documents reviewed indicate private individuals owned the Penn Plaza and Sesko parcels prior to the 1940s. However, the title records also indicate that portions of these parcels were owned by the City of Bremerton and other portions by the Gasworks. H. Lent and T. Bloomberg (Lent's Inc) bought and operated these parcels since the early 1940s. The McConkeys acquired the parcels from Lent in 1979.

After the residence and ASTs were removed from the Sesko parcel in the mid-1980s, the parcel has been used mostly for minor salvage and ship repair by the Seskos and as a junkyard for scrap metal, old fuel tanks, vehicles, boats, and other miscellaneous materials.

Operations History

Mr. Wally Bartlo was interviewed by Sonia Fernández of Hart Crowser on February 23, 2007. Mr. Bartlo has been the Manager of the Penn Plaza Industrial Park for over 5 years.

Mr. Bartlo indicated that Lee Fabricators, Ablitt Metal Products, BAE (formerly CES), Frasier Interiors, NW Spirals, Premier Propellers, and CB Concrete had been or currently are tenants of the Industrial Park in addition to numerous private individuals renting the small storage units. Mr. Bartlo indicated that BAE was a large company that had bought a previous tenant, Corrosion Engineering Services (CES). He stated that BAE conducted a lot of work for the Navy in the Puget Sound Naval Shipyards and that they used the facility to store their equipment. He also indicated that they did not do any work on the Property since they are required to leave all wastes on site at the shipyard. BAE conducts ship repairs including sandblasting and painting.

Mr. Bartlo indicated the facility is connected to the City of Bremerton for water and sewer services and that a sewer line crosses the industrial park approximately at the level of Marguerite Street. He also stated that there are only a few stormwater catch basins within the Industrial Park. He further stated that to his knowledge the manufacturing tenants currently on the Property did not have any underground storage tanks (USTs) or sumps and that they did not produce hazardous wastes. He indicated that the countertop manufacturer only uses water with its saws and re-circulates it, and that Ablitt Metal Products and NW Spirals receive the sheet metal from outside sources and just form it in their facilities. Ablitt Metal Products mostly produces gutters and ducts, while NW

Spirals produces spiral metal pipes. He did mention that the sheet metal shop was the oldest one in the area dating back to the early 1900s.

According to Mr. Bartlo, Bremerton Concrete Products (CB Concrete), one of the McConkey's companies, operated a while ago from the Industrial Park. They manufactured concrete sewer and manhole vaults as well as concrete sewer pipes. The concrete materials currently stored on the northwest corner of the Gasworks parcel were left over stock that was never sold before the company closed. He said a few years ago, the City of Bremerton bought a lot of these items to repair its old sewers and left unusable items on the parcel.

While walking through the former Gasworks parcel, Mr. Bartlo pointed out a large crack in the asphalt in the shape of a circle. He indicated this was the location of one of the former gasworks ASTs. Also he indicated that a number of logs apparently treated with creosote had been dumped along the slope to the shoreline by the gasworks plant. He also pointed out the ship and ballast tanks currently tied to the shoreline were the property of William Sesko, now deceased. He indicated Mr. Sesko used to buy "junk" at auctions, and the ship and tanks appeared one day tied up to the shoreline.

Mr. Bartlo mentioned that approximately 5 years ago he noticed that the birds and other wildlife started reappearing on the shore. He stated that when he started to work there you could not see any wildlife on the beach and now they were back.

Mr. Bartlo also walked to the northwest adjacent site across Thompson Avenue. He said Premier Propellers, owners of this parcel, used to be a tenant at the Industrial Park. They repair and sell computerized marine propellers. According to Mr. Bartlo, this site was an old bulk tank facility that closed many years ago. They had several ASTs and sold product from the building located along Thompson Avenue.

Mr. Bartlo stated they had problems in the past with illegal dumping and abandoned vehicles on the side of the Industrial Park along Thomson Avenue.

Aerial Photograph Review

Aerial photographs were reviewed for the Property and vicinity for the years 1946, 1956, 1963, 1971, 1977, 1985, 1993, 1997, and 2003 at Aero-Metric (formerly Walkers and Associates), in Tukwila, Washington. Copies of the 1946, 1971, 1985, 1993, and 2003 aerial photographs are presented in Appendix B. A copy of the 2003 aerial photograph is presented on Figure 2. Current and historical site features are presented on Figure 3.

1946 Aerial Photograph. The Western Gas Company Coal Gasification plant is present in this photograph as well as several of the original buildings on the Penn Plaza Industrial Park parcel in addition to a building and one of the secondary containment structures on the Sesko parcel.

At least nine pressurized gasholder ASTs and 11 additional ASTs are present on the Gasworks parcel. Three main buildings, several sheds, and a pier are also observed in this photograph. The parcel appears to be for the most part unpaved with brush and trees observed toward the shoreline. The main entrance to the Gasworks parcel is located along Thompson Avenue.

Six ASTs were observed within a secondary containment structure at the Sesko parcel. Two small buildings, possibly a residence and a garage, are present along Pennsylvania Avenue. The parcel appears to be unpaved, and brush and trees can be observed toward the shoreline. A long pier is present from the sloped shoreline into Port Washington Narrows. The remainder of the parcel appears undeveloped.

Four buildings surrounded by parking areas are present on the Penn Plaza parcel. Three of these buildings are located on the west half of the parcel along Thompson Avenue and one on the northeastern fourth along Pennsylvania Avenue. The southeastern fourth of the parcel is occupied by several residences while most of the southwestern fourth appears to be undeveloped and under construction. The land in this area of the parcel has been cleared and it appears that it is being regraded.

1956 Aerial Photograph. This photograph is similar to the 1946 photograph, except for an additional secondary containment area with four additional ASTs observed on the Sesko parcel. Also, a new building section was added to the Penn Plaza building located along Pennsylvania Avenue.

1963 Aerial Photograph. A third building section was added to the Penn Plaza building located along Pennsylvania Avenue bringing it to its present day configuration. On the Gasworks parcel, the building near the pressurized gas ASTs is no longer present, and a new long and narrow structure replaces it. In addition, less vegetation and disturbed soil (possibly regraded) can be observed on the northeast corner of the parcel along the slope to the shoreline. The remainder of the parcels are similar to what was observed on the 1956 photograph.

1971 Aerial Photograph. The piers on the Gasworks and the Sesko parcels are both looking in need of repair and the area around the pier landing on the Sesko parcel appears to have been filled-in and regraded. What appears to be debris

and some unidentified objects were also observed along the border between the Sesko and the Gasworks parcels. In addition, the area of the northeast corner of the Gasworks parcel (along the slope to the shoreline) also appears to have been filled in.

The gasworks plant is in the process of being dismantled and most of the ASTs are no longer present. The soil surrounding the remaining buildings and the pressurized ASTs appears disturbed (regraded), and numerous unidentified objects were scattered throughout the parcel. Four additional buildings were constructed on the Penn Plaza parcel bringing this parcel to its present day configuration.

1977 Aerial Photograph. This photograph is similar to the 1971 photograph, except for the Gasworks parcel where all the ASTs and buildings have been removed and the central area of the parcel appears to be in construction. Two new buildings were also present along the south area of this parcel.

1985 Aerial Photograph. This photograph indicates the facility is similar to what it looked like in 1977 except that the north section of the Gasworks parcel is paved and used for parking and materials storage. The pier directly north of the Gasworks parcel has been removed and vegetation has grown along the sloped shoreline and the Sesko parcel. The building north of the secondary containment areas on the Sesko parcel has also been removed and replaced by several semi trailer containers.

1993 Aerial Photograph. This photograph indicates the facility is similar to what it looked like in 1985. What appeared to be accumulations of a black material (likely spent sandblast grit) can be observed between the two buildings on the south end of the Gasworks parcel. A stain resembling overland runoff of the spent sandblast grit can be observed along the center of the parcel. Numerous boats, assorted trucks, trailers, automobiles, and other objects are observed north of the buildings and along the border with the Sesko parcel. A crane and a floating deck are present on the northeast corner of the parcel and on the shoreline, respectively. A small building or tarped structure has been constructed near the crane.

1997 and 2003 Aerial Photographs. The Property appears similar to current conditions. The ASTs on the Sesko parcel have been removed and the tarped structure, the boats, assorted trucks, trailers, automobiles, and other objects observed on the Gasworks parcel and along the border with the Sesko parcel have also been removed. The parcels appear to be divided by jersey barriers and two different buildings replaced the two southwesternmost buildings on the

Penn Plaza parcel. Several boats and the two ballast tanks, the large ship and the floating deck observed today are present along the shoreline.

City Street Directories Review

Hart Crowser reviewed the R.L. Polks City Street Business Directories—City of Bremerton for the years 1942, 1948, 1946, 1952-53, 1957, 1960, 1963, 1973, 1977, 1982, 1986, 1987, and 1990 at the City of Seattle Library. In addition the Cole's Cross-Reference City of Bremerton Directories for the year 2000 was also reviewed. The results of this review is presented below

Penn Plaza Industrial Park Parcel/Sesko Parcel—1723, 1725, and 1727

Pennsylvania Avenue. Street directory review indicated the Penn Plaza Industrial Park was occupied by different light industrial facilities including several metal/ sheet metal manufacturing facilities, a floating pier and acrylic septic tank manufacturer, a heating and air conditioning repair facility, a marine propeller manufacturer, an electrical contractor, and a concrete pipe/sewer manholes manufacturer.

The first listing for these addresses was in the 1952-1953 as Lent's warehouse. According to the directories, the warehouse encompassed the addresses between 1923 and 1943 1/2 Pennsylvania Avenue. Lent's appeared listed from 1952 to 1985 and the parcel was listed as vacant in 1987. In addition to Lent's, the following companies identified in Table 1 were also listed.

Gasworks Parcel—1720 and 1800 Thompson Avenue. The gasworks plant was first listed in the 1942 directory under the 1720 Thompson Avenue address and under 1800 Thompson Avenue from 1952 until 1954 when it was listed as Cascade Natural Gas. The plant was listed as Cascade Natural Gas until 1972 after which the address is listed as vacant (1973-74) and unlisted thereafter.

Sanborn Fire Insurance Maps Review

Sanborn maps for the years 1947 and 1968 were obtained from EDR and the City of Seattle Library.

In the 1947 map, four buildings and a residence occupied the Penn Plaza Industrial Park parcel. A large building (original building) located along Pennsylvania Avenue was labeled as "sheet metal shop and plumbing." The other three buildings, off Thompson Avenue, were labeled as general storage, pipe shop, and autos.

A residence, a garage, a shed, and six fuel oil ASTs are depicted within the Sesko parcel. The ASTs are encased within a 6-foot concrete wall (secondary containment).

The Gasworks parcel was occupied by six pressurized gas holding ASTs, three ASTs labeled as scrubbers, a large gas holding AST, and six additional ASTs labeled as "oil, diesel, and gasoline tanks." Three of the ASTs (labeled as oil and gasoline) appear to be encased within a 4-foot concrete wall (secondary containment). Two larger buildings and two smaller shed-sized buildings were depicted on the map. The largest buildings are labeled as boiler room and engine room; one of the small ones as "winch," and the other one is unlabeled and may be in construction.

The 1968 map shows two additions to the original building located along Pennsylvania Avenue on the Penn Plaza Industrial Park parcel. These additions are the same ones observed at this parcel today. Also, two additional buildings are depicted along Thompson Avenue and labeled as "equipment storage" and "Pipe Shop."

The 1968 map shows that an additional containment area with four more ASTs replaced the garage and shed on the Sesko parcel; however, the residence remains in place.

The Gasworks parcel is essentially the same with one additional pressurized AST and an additional shed. The three gasoline and oil ASTs within the secondary containment are no longer present on the Gasworks parcel.

4.2 Adjacent Sites

Northeast and Northwest Adjacent Bulk Fueling Facilities

Information provided in the following sections was obtained from a review of historical records, aerial photographs, Sanborn Fire Insurance Maps, city street directories, and regulatory files.

Property Ownership and Summary of Operations

According to historical records reviewed, both bulk fuel plants on the sites adjacent to the former Bremerton Gasworks have been present at these locations since at least the 1940s; however, the time when they started operations and what was on the sites prior to the plants is unknown.

The northeast bulk plant facility has not changed much since the 1940s and is still used as a bulk fuels distribution facility by SC Fuels and Biodiesel, a division of Pacific Northwest Energy Company. According to title records, the northeast adjacent bulk plant was owned by several private individuals and was leased to several bulk fuel distributors through the years (EPA 2006a).

The use of the northwest adjacent facility changed from a bulk fuel storage plant to a marine propeller distributor. According to the historical records reviewed, the bulk plant was dismantled in the late 1980s to early 1990s. Title records indicate the facility was owned by the Atlantic Richfield Company until 1978 when Eugene and Naomi Lobe (Gene Lobe Distributors) bought the property. The Lobes operated the bulk fueling facility until 1983 when they sold it to Andor Distributing, which operated the bulk plant until 1992. Andor leased the site to a furniture business until 1998 when the owners of Premier Propellers bought the site. Premier Propellers continues to operate at the facility today.

Additional information on these facilities is presented in the following sections.

Aerial Photograph Review

1946 Aerial Photograph. The buildings and structures observed on the northeast adjacent bulk plant in the 1946 aerial photograph showed essentially the same structures present at this facility today. The photograph shows one less AST within the secondary containment area and an additional AST located on the southwest corner of the site within the current parking area. In addition, a pier is observed on the beach; however, it is unclear in the photograph whether the pier is connected to the facility.

In 1946, two buildings, a small shed, and a secondary containment area with four ASTs were the only structures observed on northwest adjacent bulk plant. It appears the facility was unpaved and a driveway to the facility was observed along Marguerite Street.

1956 Aerial Photograph. Conditions at the northeast bulk plant appeared to be similar to that in the 1946 photographs.

Two additional ASTs along the north limit of the site (within a secondary containment area) and a new addition/extension to the building was observed on the northwest bulk plant site. The remainder of these facilities appeared to be in similar conditions as observed in the 1946 photograph.

1963 Aerial Photograph. The pier on the northeast adjacent bulk plant is no longer present in this photograph and an additional AST has been added within

the secondary containment area. The remainder of the site appeared to be similar to the 1956 photograph.

The northwest adjacent bulk plant appeared to be in similar condition to the 1956 photograph.

1971 and 1977 Aerial Photographs. The parking area currently present on the southwest corner of the northeast adjacent bulk plant replaced the single AST observed in the 1946 and 1956 photographs. Also, an additional AST has been added within the secondary containment area resulting in the same configuration present today.

The areas surrounding the buildings and the containment areas within the northwest adjacent bulk plant appeared to be paved and several trucks and vehicles were observed in the photograph. The remainder of the facility appeared to be similar to the 1963 photograph.

1985 Aerial Photograph. The northeast adjacent bulk plant appears to be in similar conditions as it is today.

The secondary containment area on the northwest adjacent bulk plant has been expanded and an additional nine ASTs have been installed. The remainder of the facility appeared to be in similar conditions to the 1971 photograph.

1993 Aerial Photograph. The northeast adjacent bulk plant appears to be in similar conditions as it is today.

The ASTs on the northwest adjacent bulk plant are no longer present; only the footprint of the original four ASTs is observed. Also, a building has replaced the containment area on the northern limit of the property. Numerous unidentified objects are scattered throughout the facility. The remainder of the facility appeared to be in similar conditions to the 1985 photograph.

1997 and 2003 Aerial Photographs. Both facilities appear similar to their current conditions.

City Street Directories Review

Northeast Adjacent Bulk Plant. This facility was listed in the directories under the address of 1702 Pennsylvania Avenue. According to the city street directories reviewed, the bulk plant operated by different corporations, has been at this site since at least the early 1940s. It is unknown when the bulk plant was constructed since earlier directories did not have a business directory. The

following list presents different corporations that operated the bulk plant until 2000.

- General Petroleum Corporation (1942 and 1946);
- Lursen Oil, Inc. (1948);
- General Petroleum Corporation and Lursen Oil, Inc. (1952, 1953, and 1957);
- Mobil Oil, Co. and Lursen Oil, Inc. (1960);
- Pederson Oil (Mobil Oil, Co.; 1972);
- Vacated (1979 to 1987);
- Nelson's Heating/AC (1988);
- Service Fuel (1990); and
- No listing (2000).

Northwest Adjacent Bulk Plant. This facility was listed on the directories under the address of 1701 Thompson Avenue. Similar to the other adjacent bulk plant, the northwest adjacent bulk plant was operated by different corporations and has been at this site since at least the early 1940s. It is unknown when the bulk plant was constructed since earlier directories did not have a business directory. The following list presents different corporations that operated the bulk plant until 2000.

- Richfield Oil Co. (listed in 1942 and 1946 directories but with no numerical address; assumed to be in the same location per Sanborn Maps);
- Richfield Oil Co. (1952-53, 1954, 1957, 1963);
- Lobe Gene Distributors/Atlantic Richfield Co. (1968 to 1987);
- Andor Distributing (1990); and
- No listing (2000).

Sanborn Fire Insurance Maps Review

Northeast Adjacent Bulk Plant. Both the 1947 and 1968 Sanborn maps identify General Petroleum Corporation as the operator of this facility. In the 1947 map, the containment area with five ASTs (labeled as "Oil Tanks on Ground"), a shed (labeled as "fill gas"), a building (labeled as "grease and oils"), a garage, and two residences are depicted on the map. The same structures are depicted in the 1968 map with the exception that one of the residences is no longer present and the southernmost area of the site is labeled as parking.

Northwest Adjacent Bulk Plant. Both the 1947 and 1968 Sanborn maps identify Richfield Oil Corporation as the operator of this facility. In the 1947 map, the containment area with four ASTs (labeled as "Oil Tanks"), a shed (labeled as "fill gas"), and a building (labeled as "grease and oil warehouse") are depicted on the map. The same structures are depicted on the 1968 map.

5.0 REGULATORY AGENCY LIST AND FILE REVIEW

This section describes the regulatory agency database lists reviewed for sites of concern by Environmental Data Resources (EDR) and the results of our regulatory file review. EDR is a firm that acquires data from government agencies. The agency-published databases were screened for sites of potential concern in general accordance with current American Society for Testing and Materials (ASTM) standards. Because our regulatory agency database search was based on current agency records, our results are only as accurate as the records provided.

EDR conducted a review of the regulatory agency database lists indicated in the EDR report in Appendix E. The report of the database search provided by EDR also includes a statistical profile indicating the number of properties within 1 mile of the subject property, selected detailed information from federal and state lists, and an overview map illustrating the identifiable and mappable sites within 1 mile of the subject property. Detailed information is in the EDR report presented in Appendix E of this report.

The purpose of a file review is to acquire regulatory agency file information for the Property and adjacent sites of potential concern based on their database-type listing and to identify potential sources of contamination or activities of environmental concern. The review is limited to current files and does not include a review of archived information.

Ecology provided copies of the central files available for the Old Bremerton Gasworks and Sesko parcels. In addition, we made a Freedom of Information Act (FOIA) request to Ecology on March 1, 2007, to inquire about the availability of regulatory file information for nearby sites identified from the EDR database search regarding potential sources of contamination or activities of environmental concern to the Property. Information obtained from the documents reviewed by Ecology is presented below.

5.1 The Property

The Property is listed on the Ecology Spills, Confirmed and Suspected Contaminated Sites List (CSCSL), and Manufactured Gas plant lists as well as the EPA Finds, Brownfields, and Resource Conservation and Recovery Act (RCRA) Small Quantity Generator (SQG) lists. The Property is listed under the Old Bremerton Gas Works & Sesko Property or "1725 Pennsylvania Avenue."

The Ecology Spills list indicated that three reported spills to soil and surface water occurred in 2003. The EDR report indicated that approximately 25 gallons of gasoline were spilled into surface water on January 25, 2003; a sheen was observed on surface water on March 12, 2003; and that an unknown amount of petroleum hydrocarbons were spilled to soil in July 11, 2003. These three events are recorded under the Sesko parcel; however, information regarding the violators was not included. The soil contamination reported in July 2003 may be related to the unauthorized and unpermitted removal of a UST conducted by Mr. Sesko (EPA 2006).

The information from the CSCL listing indicated that polycyclic aromatic hydrocarbons (PAHs) had been confirmed in soil and sediments at the Sesko parcel and that petroleum hydrocarbons and metals were suspected. The report also indicated that these three constituents were suspected to be present in surface water and groundwater.

The EDR report indicated that Lee Fabricators (Penn Plaza Industrial Park) is a SQG with no violations. The report also confirms the Property is the location of the former Western Gas Company Manufactured Gas Plant.

Ecology Inspection Reports

The following information was obtained from documents provided by Ecology.

The first documents in the file were from 1992 when Ecology conducted an inspection of Lee Fabricators, a tenant in the Penn Plaza Industrial Park. The inspection, conducted in January 22, 1992, was performed in response to an

initiative from the department (Sinclair and Dyes Inlet Action Program). Lee Fabricators was a metal fabricating business at the Industrial Park since 1986. Facility operations included metal cutting, fitting, welding, and manufacturing of containment vessels for nuclear wastes.

During this inspection, the facility owner (Darrell Lee) stated the cutting oil used is water-based and recirculated, they only do dry drilling, and that fuels and other flammable materials used in welding were taken to another tenant of the Industrial Park, Service Fuels. Mr. Lee indicated there was formerly an oil-fired furnace in the welding shop but does not know of any USTs associated with it. Most of the problems cited by Ecology during the inspection were identified in the sandblasting shed where 1 to 2 inches of uncontained spent sandblast grit and storage of paint sludge drums were observed near the shop. In a subsequent letter, Ecology officials instructed Mr. Lee to get a hazardous waste generator number to properly dispose of the drums, to store the drums in a covered and bermed area, and to start containing and disposing of the spent sandblast grit periodically. Ecology also informed Mr. Lee that although the grit used is de-arsenized copper and is not designated as dangerous waste, the spent grit might still be a potential source of pollutants to the environment.

A follow-up Ecology inspection of Lee Fabricators in August 1993 did not show much improvement in the sandblast grit containment although the drums had been removed. Sandblasting at the facility was conducted to remove mill scale from the metal and to prepare it for painting. The drums were used to accumulate paint sludges and methyl ethyl ketone (MEK) used to clean the paint guns. Mr. Lee stated during the inspection that since his buildings are below grade, he had built a French drain to keep stormwater out of the buildings. He also mentioned that a green "gooey" substance had backed up from the two catch basins outside the building during a rainstorm. He mentioned that other tenants in the Industrial Park were a "fly-by-night" electroplating operation, a cleaning service, a sheet metal operation, an electrical contractor, and a shipbuilding and repair business. He stated that 13 abandoned drums with open bungs and dark oily substances on the east side of the yard may be the shipbuilders.

Also in 1993, Ecology conducted an inspection of CB Concrete Products and Pier 44 Construction. CB Concrete manufactured concrete blocks, manholes, and sewer piping in addition to fiberglass septic tanks. Ecology identified several issues at the facility that consisted of uncontained oil leakage from their truck, piles of uncovered waste concrete, which drained to the ground with stormwater runoff, and a large pile of empty stacked fiberglass resin drums, and two oil drums stored without secondary containment.

Pier 44 Construction manufactured concrete floats (piers) with styrofoam cores. The styrofoam cores were brought in but the concrete slabs were manufactured on site by pouring concrete into steel forms. Ecology identified several issues at the facility that consisted of their concrete truck dripping uncontained concrete waste, uncontained concrete waste on a low area of the yard, and stained concrete in the area where they pour the concrete into the steel forms. The dark stain on the concrete floor resulted from diesel that is used as a releasing agent in the forms (about 5 gallons per month). Ecology recommended the forms be used and stored in a covered and bermed area to prevent the leaks.

During these inspections, Ecology also observed an unsafe crane near the slope to the shoreline, which they reported to the Department of Labor and Industries. In a follow-up letter to Paul McConkey, Penn Plaza Industrial Park owner, Ecology presented the findings of the inspections and several situations that may be in violation of the state Water Pollution Control Law. These included:

- Uncontrolled runoff from waste concrete piles in CB Concrete and Pier 44 Construction;
- Improper storage of waste oil and acrylic sealant drums at CB Concrete, Pier 44 Construction, and Lee Fabricators;
- Accumulations of empty drums, scrap metal and concrete, and other miscellaneous debris at Pier 44 Construction;
- The use of diesel as a releasing agent in uncovered and unbermed areas of the facility at Pier 44 Construction; and
- The uncontrolled accumulations and stormwater runoff of spent sandblast grit at Lee Fabricators.

In the letter, Ecology also pointed out the unsafe dock, the electroplating operation mentioned by Mr. Lee, the potential of illegally discharged substances into the storm drains, and the potential environmental problems associated with the former coal gasification plant.

Yet another inspection of the industrial park in March 1994 did not show many improvements to the issues Ecology observed on previous inspections so this triggered the inclusion of the Industrial Park and the Sesko parcel into Ecology's CSCSL list in the fall of 1994. In March 1995, Mr. Sesko was conducting ship repair work on the shoreline without a permit, which involved the Washington State Department of Fish and Wildlife and triggered an inspection and sampling of the property on March 29, 1995. During this inspection, Ecology officials

stated, "PAHs were observed along the hillside to the beach and on the intertidal sediments." Based on these observations, Ecology collected four samples of soil and sediment on March 29, 1995 (Figure 4). These samples were analyzed for PAHs and metals as presented in Table 2. Concentrations of PAHs exceeding the Model Toxics Control Act (MTCA) Method A and Method B soil cleanup levels were detected in two of the soil samples collected.

Total organic carbon (TOC) for the sediment sample was 60,000 mg/kg (Table 2). Because the quantity of TOC in the sediment sample was outside the Washington State Sediment Management Standards (SMS) for TOC normalization (between 0.5 to 4 percent), sample results were compared to the Apparent Effects Threshold (LAET) sediment criteria.

PAH concentrations detected in the sediment sample exceeded the Washington State LAET criteria (Table 2).

An Ecology Site Hazard Assessment (SHA) of the three parcels (the Property) was conducted in the summer of 1995. Using the Sesko parcel sample results, the site (Property) ranked a 1, representing the highest level of concern on a scale of 1 to 5. In May 1996, Ecology notified the owners of Penn Plaza (Paul McConkey) and the Sesko parcel (William Sesko) they had been identified as potentially liable persons (PLPs) under MTCA to which both parties denied being the cause of the impacts to the Property.

In 1999, an Ecology Report Tracking System (ERTS) report was made to Ecology regarding "sheen and products on the rocks" along the shoreline of the Property; however, no additional information was provided.

In 2005, the City of Bremerton obtained a grant from the Environmental Protection Agency (EPA) Brownfields Program to conduct a Targeted Brownfields Assessment (TBA) of the Old Bremerton Gasworks and the Sesko parcels (EPA 2006a and 2006b). The TBA required the completion of a Phase I Environmental Site Assessment for each parcel. With the exception of several items, most of the information provided by these reports is presented in Sections 4 through 6 of this report. These items discussed in more detail below include:

- The presence of black bricks with a creosote odor along the Gasworks parcel;
- Information regarding a UST removal from the Sesko parcel;
- The nature of the ballast tanks tied to the shoreline;
- Actions taken by the Washington Department of Natural Resources (DNR) and the Coast Guard regarding the derelict ship, the *KED*; and

- The presence of a drain field directly south of the Sesko parcel secondary containment areas.

In these two reports, EPA's contractor indicated they had observed black bricks with a creosote odor along the Gasworks parcel shoreline at low tide during their site visit. The nature of the bricks was unknown, and DNR had asked Mr. Sesko to leave them in place so as to not disturb the sediments. Regarding the UST, the reports indicated that a City of Bremerton Code Enforcement Officer had placed a stop work order when Mr. Sesko attempted to remove a UST in July 2003. It is unknown whether the UST was eventually removed, and no record of a UST removal was identified in Ecology records.

According to the reports, DNR and the Coast Guard had conducted a removal of four derelict boats along the shoreline, removed 30,000 gallons of oil and water from a derelict ship, the *KED*, moored adjacent to the Property, and removed approximately 100 5-gallon buckets of water with sheen from the deck of the *KED* (date unknown). The report also indicated that sheen from the *KED* had been observed during a DNR dive survey. Also, during a beach survey, DNR inspected two large steel "ballast" tanks on the shoreline. Air monitoring of the interior atmosphere of the tanks indicated the presence of hydrocarbons. DNR has reportedly attempted to have Mr. Sesko remove the tanks.

The reports also mentioned a drain field formerly located along the south side of secondary containment areas on the Sesko parcel. The source of the information in the report was Trip McConkey (heir to former owners). He stated in an interview that he believed the drain field might have been filled in. Additional information regarding the presence of the drain field has not been identified.

5.2 Adjacent Sites

SC Fuels and Biodiesel

Only one of the adjacent sites, SC Fuels and Biodiesel, was identified in the EDR report. The facility, listed under Pacific Northwest Energy Company Bremerton and Tosco Bulk Plant, was listed on Ecology Spills, CSCSL, Underground Storage Tank (UST), Voluntary Cleanup Program (VCP), and Independent Cleanup Reports (ICR) as well as the EPA Finds and RCRA-SQG lists.

The lists indicate that three leaded and unleaded gasoline USTs with capacities of 10,000 gallons or less and a waste oil UST with a capacity of 5,000 gallons or less were removed from the facility. As a result of the removals, the facility

entered the VCP program; however, dates and status of the cleanup were not reported.

In addition to the UST and VCP lists, the ICR and CSCL lists indicate that from 1999 to 2002 petroleum-contaminated soil and groundwater have been identified at the site. In addition, halogenated solvents were reported in soil in 2000 and metals in soil and groundwater were reported in 2002. Also, petroleum hydrocarbons as well as halogenated solvents and metals are suspected in groundwater and sediment.

The EDR report also indicated that 5 gallons of diesel fuel spilled at the facility on February 2005; however, the media was not reported. The facility is a SQG with one violation in 1996 to the general generator requirements.

Due to an unusually large number of requests since the end of February, the Ecology Northwest Regional Office Central Records has not been able to pull the records at the time of issuance of this report. The information provided is based on available Ecology file data initially provided for review.

6.0 SITE RECONNAISSANCE

On February 23, 2007, Sonia Fernández, Mike Ehlebracht, Roger McGinnis, and Arti Patel of Hart Crowser; Clay Patmont, and Peter Hummel from Anchor Environmental, LLC; and Panjini Balaraju, Kevin McLachlan and Michelle Wilcox of Ecology conducted a site reconnaissance to observe the Property and two adjacent bulk fueling facilities from the Property and public right of ways. Natacha Sesko, Pam McConkey, and some of the heirs to the Sesko parcels joined the site visit later. Photographs taken during the visit are presented in Appendix A.

6.1 The Property

At the time of the visit, the Property was occupied by 12 buildings, most within the Penn Plaza Industrial Park parcel. The buildings consisted of concrete slab-on grade steel-framed structures with metal roofs, concrete block walls, and metal siding. The facility is served by the City of Bremerton for water and sewer and by Puget Sound Energy for power. Electricity is served through pole-mounted-transformers along Pennsylvania Avenue. The transformers appear to be between 10 to 20 years old. No staining was noted on the ground surrounding the transformers. During the site visit, the group walked through the exterior areas of the Property starting from the end of Pennsylvania Avenue. The following information was obtained during the site visit.

Gasworks Parcel

The Gasworks parcel is mostly paved and occupied by two buildings. The buildings are located along the south limit of the parcel of what once was the southern end of the gasworks plant; however, are now part of the Penn Plaza Industrial Park. The buildings are currently occupied by BAE (west) and Fraser's Interiors but were formerly the sandblasting shed and shop for Lee Fabricators. The area between these two buildings is where Ecology had observed large accumulations of spent sandblast grit and drum accumulations north of them.

In addition to the buildings, several large pieces of portable sandblasting equipment, portable compressor units, a portable diesel tank, flexible corrugated piping, a forklift, several semi trailer containers, several boats, concrete sewer pipe sections and manholes, and a small recreational vehicle were observed throughout the paved parcel. Most of this equipment is stored by BAE. Minor staining was observed on the asphalt surface beneath the portable diesel tank; however, it did not resemble hydrocarbon stains. A small heating oil tank was also observed near one of the buildings. Minor staining on the asphalt surface beneath this tank was also observed. Small piles of what appeared to be sandblast grit and paint chips were also observed on the Gasworks parcel.

The northern limit of the Gasworks parcel is a steep slope toward Port Washington Narrows. We observed numerous old creosote-treated timbers partially covered with vegetation and discarded along the slope. In addition, two approximately 24,000-gallon empty tanks were chained on the beach and a floating pier and a large derelict ship (the *KED*) were anchored beyond the mean low low water (MLLW). Mr. Barlo referred to the tanks as ballast tanks; however, in a document provided by the EPA, DNR officials had indicated these tanks contained hydrocarbons at one time and that air monitoring of the interior atmosphere of the tanks indicated the presence of volatile compounds (EPA 2006a). Also in this document, DNR officials indicated that the Coast Guard had removed approximately 30,000 gallons of oil and water from the *KED* and about 100 buckets of water with sheen from the deck (EPA 2006a).

We observed old logs along the slope to the shoreline along the Gasworks parcel. The logs were partially covered with vegetation and moss so they had been disposed of a long time ago. Also, bricks and over-sized charcoal briquets were observed scattered along the shoreline. The nature of the charcoal briquets is unknown; however, they appeared to be in good condition and fairly new so it is possible that they were not part of plant operations.

Penn Plaza Parcel

The Penn Plaza Industrial Park consists of 10 buildings of which about five are used as public storage rental units and the others are occupied by the businesses listed in the preceding sections. We were not able to inspect the interior of the storage units and the privately operated businesses since they were closed for the day and the administration does not keep keys to their spaces. Therefore, only the exterior areas of the Industrial Park were observed.

Most of the buildings are slab-on-grade steel-framed buildings with metal siding and are surrounded by paved parking areas. Several catch basins were observed near some of the buildings and along Pennsylvania Avenue. A sewer line and several manholes are located on the north end of the parcel crossing the parcel from Marguerite Street to Pennsylvania Avenue. Several dumpsters for general household garbage and for scrap metal recycling were observed at the parcel. Only minor staining of the asphalt surfaces was observed beneath the dumpsters, and no obvious evidence of leakage was observed.

We did not observe any obvious evidence of USTs or ASTs on the Penn Plaza parcel.

Sesko Parcel

Two groundwater monitoring wells were observed in the street near a driveway to the Sesko parcel. The parcel was mostly vacant and separated from the Gasworks parcel by jersey block barriers. Two secondary containment areas from the former bulk fueling facility were observed along the southern limit of the parcel. The containment areas were below grade from the surrounding area and were overgrown with vegetation. Several concrete berms and pads were observed inside the containment areas and a series of pipes were observed entering the ground on the northwest corner of the exterior of the west containment.

During the site visit, we also observed the remnants of an unpaved access road heading toward the shoreline along the west side of the parcel. A steep road cut was observed along the west side of the road and ended in the shoreline slope on a pile of large concrete blocks, debris, and some stairs leading to the water. This road bordered a gully that emptied to the beach. The gully was the location of the former fueling pier observed on historical aerial photographs. General household debris was observed among the grass and vegetation in this upland area and what appeared to be partially buried scrap metal was observed along the slope between the road and the shoreline. A drainage pipe originating from the southwest was observed along the western slope of the road.

A slight creosote odor was noted on the rocks along the beach near the apex of the gully. Chunks of black, weathered tarry material was observed on the beach. When broken open, the material had a strong creosote-like odor. Also a black anaerobic sand was observed just below the surface of the intertidal sediments. Cans, spoons, metal debris, and other general household garbage were also observed partially buried in the beach sands. Ms. Sesko and a family member indicated that sometimes during low tide you could see a "black gooey substance" oozing from the sediments and from the hillside. She also stated that you can also see it in deeper waters during low tides and along with a sheen on the water. She indicated the parcel was formerly a dump for the City of Bremerton and that was the reason there was buried trash. An old backhoe was also observed near the containment area.

6.2 Adjacent Sites

SC Fuels and Biodiesel

The northeast adjacent bulk fueling facility was occupied by SC Fuels and Biodiesel. At least two buildings were observed from the street consisting of single-story cinder block structures with shingled roofs. Fenced and paved parking areas accessed through three gates; one to the south parking area, one south of the AST containment area, and another one north of it, surrounded the buildings. At least six ASTs were observed within a secondary containment area on the north area of the site. A steep slope to the shoreline borders the facility on the north end. What appeared to be remnants of the supports from the former fueling dock were observed along the beach. A combined storm sewer overflow (CSO) outfall is reportedly located at the end of Pennsylvania Avenue (EPA 2006a and 2006b) but it was not observed during the site visit.

Premier Propellers

The northwest adjacent former bulk fueling facility is currently occupied by Premier Propeller. The facility is set on the side of a bluff bordered by Marguerite Street and Thompson Avenue. The concrete pad and containment where the 13 ASTs were located is still present and is fenced. However, no obvious indications of ASTs or USTs are present at the site. The buildings are located at a lower grade from the former containment area and are surrounded by parking and landscaped areas. Several pole-mounted transformers were observed on the power lines on the east side of Thompson Avenue.

7.0 ENVIRONMENTAL DATA GAPS

Several data gaps on the history of the Property were identified during the historical review. Overall, specific information regarding soil, groundwater, and sediment quality within the Property and the Port Washington Narrows is needed to carefully assess any future cleanup alternatives for the Property. In addition, the following items were identified as data gaps for each parcel.

7.1 Gasworks Parcel

- **The dates of operation of the Gasworks plant are unknown.** Title records reviewed indicate the property transfer of the Gasworks parcel occurred in 1930. However, the construction completion date for the plant and the startup date are unknown. In addition, from historical aerial photographs we know the plant was being dismantled in the very early 1970s but the shutdown date is unknown.
- **The storage location, type, and measures taken to contain the gasworks plant raw materials are unknown.** Typically, old gasworks plants would store their raw material (coal or oil) in large piles or tanks around the parcel. It is unknown whether the gasworks plant conducted such a practice, where they stored the raw material, and how it was contained.
- **The extent of the area where the emulsion was buried “in random pits” is unclear.** Aerial photographs show the northeast corner of the parcel toward the slope has been extended over time; however, it is unknown whether this was a result of the garbage dump reportedly used by the city, buried tar-laden woodchips, or the buried emulsion.
- **The nature and extent of the area allegedly used as an unpermitted landfill or a City of Bremerton garbage dump.** Although verbal reports from some of the property owners indicate the city had used areas of this parcel and the Sesko parcel as a garbage dump, the history of this use, the nature of the garbage buried, and the length of time this practice was conducted are also unknown.
- **Information regarding the operations at the plant and infrastructure removal is unavailable.** We identified very little information regarding the plant operations, disposal practices, and no information about the removal of the buildings, tanks, and pier. It is also unknown whether the pier was a fueling pier, whether any impacts were identified during its removal or the removal of the tanks, or whether any impacts to soil were observed. It is

also unknown whether any of the disposal pits were excavated and the material properly disposed of.

- **Use of ash and cinders and tar-covered woodchips as ground cover/fill.** Reports indicate that ash, cinders, and tar-covered woodchips might have been used to cover internal roads and trails at the facility or to fill areas of the parcel. The extent of ash, wood chips, and cinders use is unknown.
- **The construction of an incinerator.** An incinerator was reportedly in construction at the Gasworks parcel; however, it is unclear whether it actually was built and its location.
- **The origin of the creosote-covered timbers on the shoreline slope.** A number of creosote-covered timbers were observed along the slope to the shoreline; however, their origin is unclear.
- **The location of the drain pipe that discharged the liqueur to the bay is unknown.** Also, the amount of discharges and its impacts to sediments are also unknown.

7.2 Penn Plaza Industrial Park Parcel

- **A complete list of tenants through the years and their location within the Industrial Park is unavailable.** To determine potential areas where impacts to the environment might have occurred, the nature and location of the businesses such as the electroplating facility need to be identified.
- **The location of the French drain and drain field at Lee Fabricators and north of Ablitt Metal Products is unknown as well as the location of any heating oil USTs at the facility.** Although there are reports of drain fields and an oil-fired boiler/furnace in several of the tenant spaces no additional information was identified.

7.3 Sesko Parcel

- **The nature and extent of the area allegedly used as an unpermitted landfill or a City of Bremerton garbage dump.** Although verbal reports from some of the property owners indicate the city had used areas of this parcel and the Gasworks parcel as a garbage dump, the history of this use, the nature of the garbage buried, and the length of time this practice was conducted are also unknown.

- **The location of the UST Mr. Sesko attempted to remove from the parcel in 2003 is unknown.** Although there are reports that Mr. Sesko attempted to remove a UST by himself and without the proper permits, it is unclear whether the UST was ever removed and whether the removal was properly conducted.
- **The impact to sediments from the ballasts tanks and the *KED* is unknown.** The origin of the ballast tanks and the *KED* are unknown. DNR and the Coast Guard conducted a removal of oily water from the *KED*, and DNR indicated that according to their air monitoring efforts, the ballasts tanks had previously contained hydrocarbons. However, samples of sediments or the materials removed from the ship were not collected.
- **Information regarding the operations at the bulk plant and infrastructure removal is unavailable.** We identified very little information regarding the bulk plant operations, disposal practices, and no information about the removal of the buildings, tanks, and fueling pier from the Sesko parcel. It is also unknown whether any impacts were identified during the removal of the pier or tanks.
- **The environmental impact of Mr. Sesko's salvaging activities to soil and sediment is unknown.** According to personal accounts and records on the parcel, Mr. Sesko conducted boat salvaging and repairs at the Sesko parcel. The nature and impact of these activities to the upland and intertidal areas of the parcel are unknown.

8.0 HABITAT RESTORATION DATA GAPS

Important information for preparing a shoreline habitat restoration plan includes historical habitat data, existing bathymetry and topography, existing nearshore habitat data, and the proposed cleanup remedy including proposed surface materials and changes to bathymetry and topography. Historical habitat data have been acquired and reviewed for accuracy and are presented in Appendices B and F. These historic data come from several sources and are generally of good quality. The sources of data include black and white aerial photography from 1946 (Aerometric 2007) navigation charts from 1905 and 1948 (NOAA 1905 and 1948), and an 1881 "t sheet," shore line topographic map (University of Washington, 1881). This information shows that the shoreline was forested down to the water's edge and that there was a relatively narrow, intertidal beach. The overall shape of the shoreline does not appear to have changed significantly based on these sources of information. The main shoreline modifications appear to be the two piers (now gone), the development at the

top of bluffs, shoreline armoring, and miscellaneous debris (such as the large steel tank) on the shoreline.

Other current information that has been obtained includes existing topography and existing nearshore habitat data. Topographic data for the site are publicly available via the internet from the Puget Sound LiDAR Consortium. Table 3 shows the habitat information that is available for the Property.

Habitat and biological resource data for the project area was obtained from the Washington Department of Fish and Wildlife (WDFW) Priority Habitats and Species (PHS) program. The PHS database indicates project area is not a documented priority area for any of the priority habitats and species resources presented in the PHS report, including forage fish spawning areas, waterfowl concentration area, bald eagle nests and buffers, shellfish, and marbled murrelets.

Other information that is essential to completing a habitat restoration plan and has not obtained includes existing bathymetry, a site-specific survey of marine riparian vegetation, and the proposed cleanup remedy including proposed bathymetry and topography. The site-specific survey of vegetation is needed to determine what native species (primarily trees) exist on the Property and need to be preserved versus what areas of non-native invasive species exist that need to be removed. Finally, the future habitat restoration needs to be integrated with the proposed cleanup remedy. The proposed cleanup remedy is likely to involve changes to the topography and bathymetry, and could include removal or replacement of shoreline structures and armoring

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10.0 LIMITATIONS

Work for this project was performed, and this report prepared, in accordance with generally accepted professional practices for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. It is intended for the exclusive use of our client, for specific application to the subject property. This report is not meant to represent a legal opinion. No other warranty, express or implied, is made.

It should be noted that Hart Crowser relied on reports and documents produced by a number of entities. Hart Crowser can only relay this information as it has been presented and cannot be responsible for its accuracy nor completeness.

Our work did not include sampling or testing of drinking water for lead content, sampling for indoor air quality, assessment of sewer systems, sampling for radon vapor, a good faith survey for lead and asbestos, and other items which are not the present standard of practice, unless otherwise noted herein.

Any questions regarding our work and this report, the presentation of the information, and the interpretation of the data are welcome. We trust that this report meets your needs.

J:\jobs\1733007\Old Bremerton Gasworks.doc

Table 1—Limited Tenant List for Penn Plaza Industrial Park - City Street Directories

Year	Addresses on Pennsylvania Avenue		
	1923	1925	1927
1952-53	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1957		Fry Reglet Corporation Lent's Warehouse	
1960	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1963	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1968	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1972			
1973	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1977	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1979	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1982	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1985	Energy Enterprises Heating and Air Conditioning	Lent's Warehouse Service Fuel	
1987	Vacant	Vacant Service Fuel	Baird & Webber (electrical contractor) ABCO Mechanical Construction Inc. (sheet metal fabricators)
1988	Lee Fabricators (metal fabricators)		Baird & Webber (electrical contractor) ABCO Mechanical Construction Inc. (sheet metal fabricators)
1990	Nelson's Heating and Air Conditioning	Lee Fabricators Baird & Webber	ABCO
2000	Premier Propellers	Ablitt Metal Products (sheet metal goods manufacturer) Baird & Webber	Ablitt Metal Products Penn Plaza Industrial Park

APPENDIX A
SITE RECONNAISSANCE PHOTOGRAPHS

APPENDIX B

HISTORICAL AERIAL PHOTOGRAPHS

APPENDIX C
HISTORICAL DOCUMENT REGARDING
THE WESTERN GAS COMPANY

APPENDIX D

SANBORN FIRE INSURANCE MAPS

APPENDIX E
SITE ASSESSMENT REPORT
ENVIRONMENTAL DATA RESOURCES, INC.

APPENDIX F
EXISTING AVAILABLE HABITAT DATA AND HISTORICAL MAPS
ANCHOR ENVIRONMENTAL

Table 1—Limited Tenant List for Penn Plaza Industrial Park - City Street Directories

Year	Addresses on Pennsylvania Avenue		
	1923	1925	1927
1952-53	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1957		Fry Reglet Corporation Lent's Warehouse	
1960	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1963	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1968	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1972			
1973	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1977	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1979	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1982	Lent's Warehouse	Lent's Warehouse	Lent's Warehouse
1985	Energy Enterprises Heating and Air Conditioning	Lent's Warehouse Service Fuel	
1987	Vacant	Vacant Service Fuel	Baird & Webber (electrical contractor) ABCO Mechanical Construction Inc. (sheet metal fabricators)
1988	Lee Fabricators (metal fabricators)		Baird & Webber (electrical contractor) ABCO Mechanical Construction Inc. (sheet metal fabricators)
1990	Nelson's Heating and Air Conditioning	Lee Fabricators Baird & Webber	ABCO
2000	Premier Propellers	Ablitt Metal Products (sheet metal goods manufacturer) Baird & Webber	Ablitt Metal Products Penn Plaza Industrial Park

Table 2 - Analytical Results for the Sesko Parcel Samples - Detected Analytes Only

Sample ID Sampling Date Media	MTCA Method A Cleanup Level	Ecology Apparent Effects Threshold Sediment Quality Criteria (LAET)	BRMGAS01 3/29/1995 Soil	BRMGAS02 3/29/1995 Soil	BRMGAS03 3/29/1995 Soil	BRMGAS04 3/29/1995 Sediment
Total Metals in mg/kg						
Arsenic	20	57		19.5	4.66	4.47
Beryllium				0.37	0.31	0.27
Cadmium	2	5.1		0.34	0.32	0.3 U
Chromium	19/2,000(a)	260		23.8	13.2	21.4
Copper	3,000(b)	390		16.1	43.8	40.1
Lead	250	450		17	39	24.4
Mercury	2	0.41		0.028	0.022	0.0511
Nickel		140		27.6	101	34.6
Zinc	24,000(b)	410		36.9	91.1	81.2
TOC in mg/kg						60,000
Semivolatiles in mg/kg						
2-methylnaphthalene		0.96	1190		8.59	7.61
Acenaphthene	4,800(b)	1.3	545		0.276 J	15.3
Acenaphthylene		0.67	5830		7.77	24.5
Anthracene	2,400(b)	1.5	9740		260	43.8
Benzo(a)anthracene	0.14	1.3	3740		15.8	45.2
Benzo(a)pyrene	0.14	1.6	1810		7.83	47.6
Benzo(b)fluoranthene	0.14	3.2	2720		10.8	42.7
Benzo(ghi)perylene	0.14	0.67	1420		3.94	35.1
Benzo(k)fluoranthene	0.14	3.2	734		4.34	16.1
Carbazole			100		1.19	1.17
Chrysene	0.14	1.4	4160		23.6	52.1
Dibenzo(a,h)anthracene	0.14	0.23	262		1.06	5.65
Dibenzofuran		0.54	355		1.73	1.71
Fluoranthene	3,200(b)	1.7	12500		81	122
Fluorene	3,200(b)	0.5	6070		4.33	10.2
Indeno(1,2,3-cd)pyrene	0.14	0.6	1230		3.66	27.3
Naphthalene	1,600(b)	2.1			14.1	15.7
Phenanthrene	3,200(b)	0.54	24400		100	102
Pyrene	2,400(b)	2.6	17700		90	159

Sample analysis conducted by Department of Ecology Manchester Environmental Laboratory .
Detected concentrations are bolded. Concentrations that exceed the screening criteria are boxed.
U = Not detected at detection limit indicated.

Blank indicates sample not analyzed for specific analyte or no MTCA cleanup level established.

(a) MTCA Method A cleanup level for chromium VI is 19.

MTCA Method A cleanup level for chromium III is 2,000 mg/kg.

(b) MTCA Method B soil direct contact cleanup level (ingestion only)

Table 3 - Existing Available Habitat Data

Habitat and Resource Information	Source
No eelgrass at or near site. (Maps provided in Appendix F)	WDNR ShoreZone Inventory 2001 Ecology's Digital Coastal Atlas accessed 2007
Kelp present at site and along much of Port Washington Narrows. (Maps provided in Appendix F)	WDNR ShoreZone Inventory 2001 Ecology's Digital Coastal Atlas accessed 2007
Additional macroalgae includes sea lettuce (<i>Ulva</i>) and rockweed (<i>Fucus</i>).	WDNR ShoreZone Inventory 2001
Patchy distribution of barnacles at the site. No mussels or oysters documented.	WDNR ShoreZone Inventory 2001
In a 705 foot section of shoreline that includes the project site shoreline, 70% is armored (primarily riprap), 50% has riparian vegetation overhanging intertidal zone, and it is classified as a narrow sand and gravel beach.	WDNR ShoreZone Inventory 2001
A pocket estuary is located to the west.	Ecology's Digital Coastal Atlas accessed 2007
Project site located in middle of a drift cell extending from bridge (updrift end) to just north of the nearby pocket estuary (downdrift end).	Ecology's Digital Coastal Atlas accessed 2007
No documented forage fish spawning in immediate vicinity. Not identified as potential forage fish spawning habitat. (Maps provided in Appendix F)	WDFW SalmonScape accessed 2007
Chinook, chum, coho, and steelhead spawn and rear in tributaries draining into Dyes Inlet and Sinclair Inlet. (Maps provided in Appendix F)	WDFW SalmonScape accessed 2007



Source: Base map prepared from Microsoft Streets and Trips, 2005.

0 1000 2000
Scale in Feet



Bremerton Gasworks
Bremerton, Washington

Vicinity Map

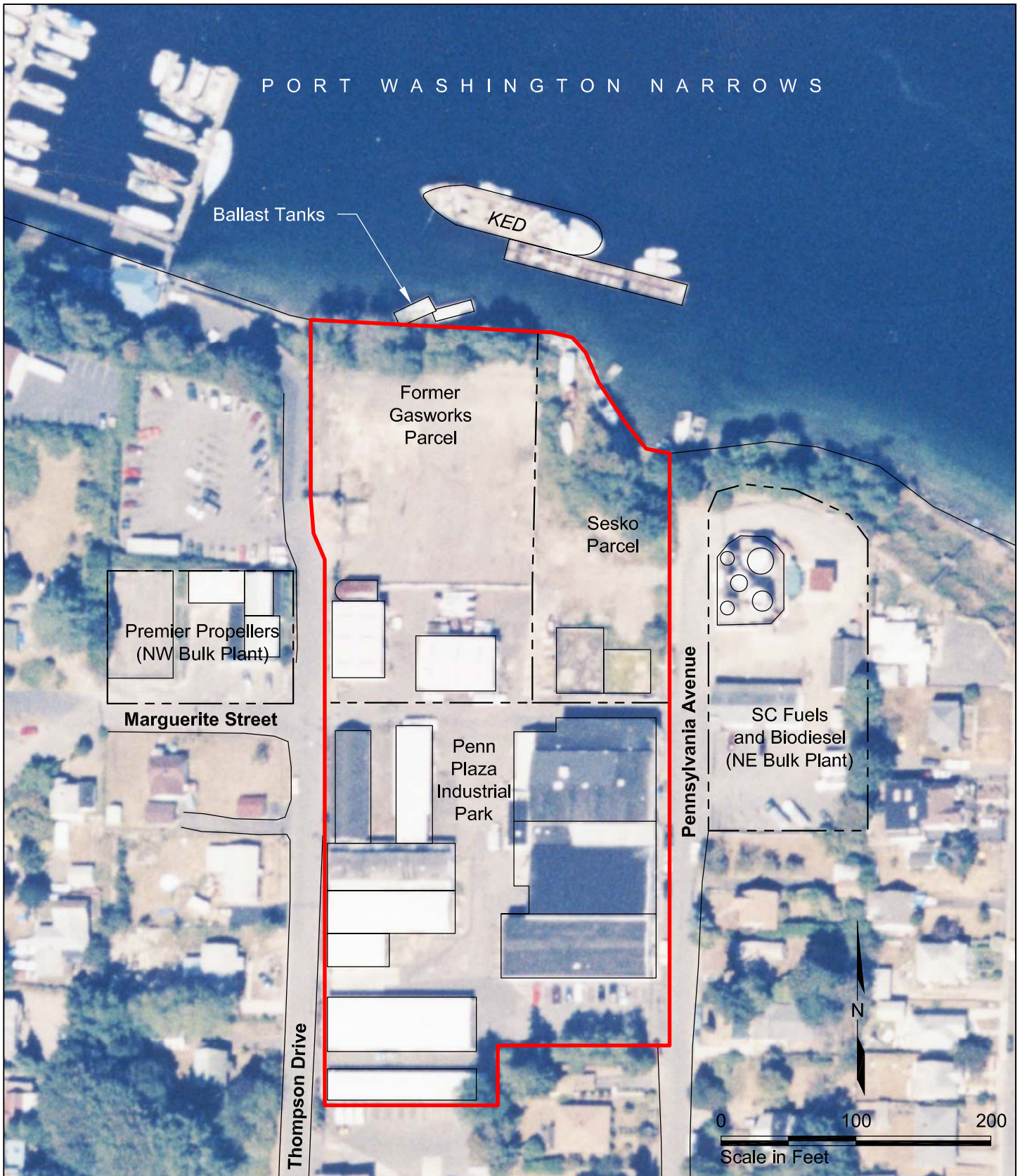
17330-07

5/07



Figure

1



- Property Boundary
- - - Parcel Boundaries

Bremerton Gasworks
Bremerton, Washington

Site Plan

17330-07

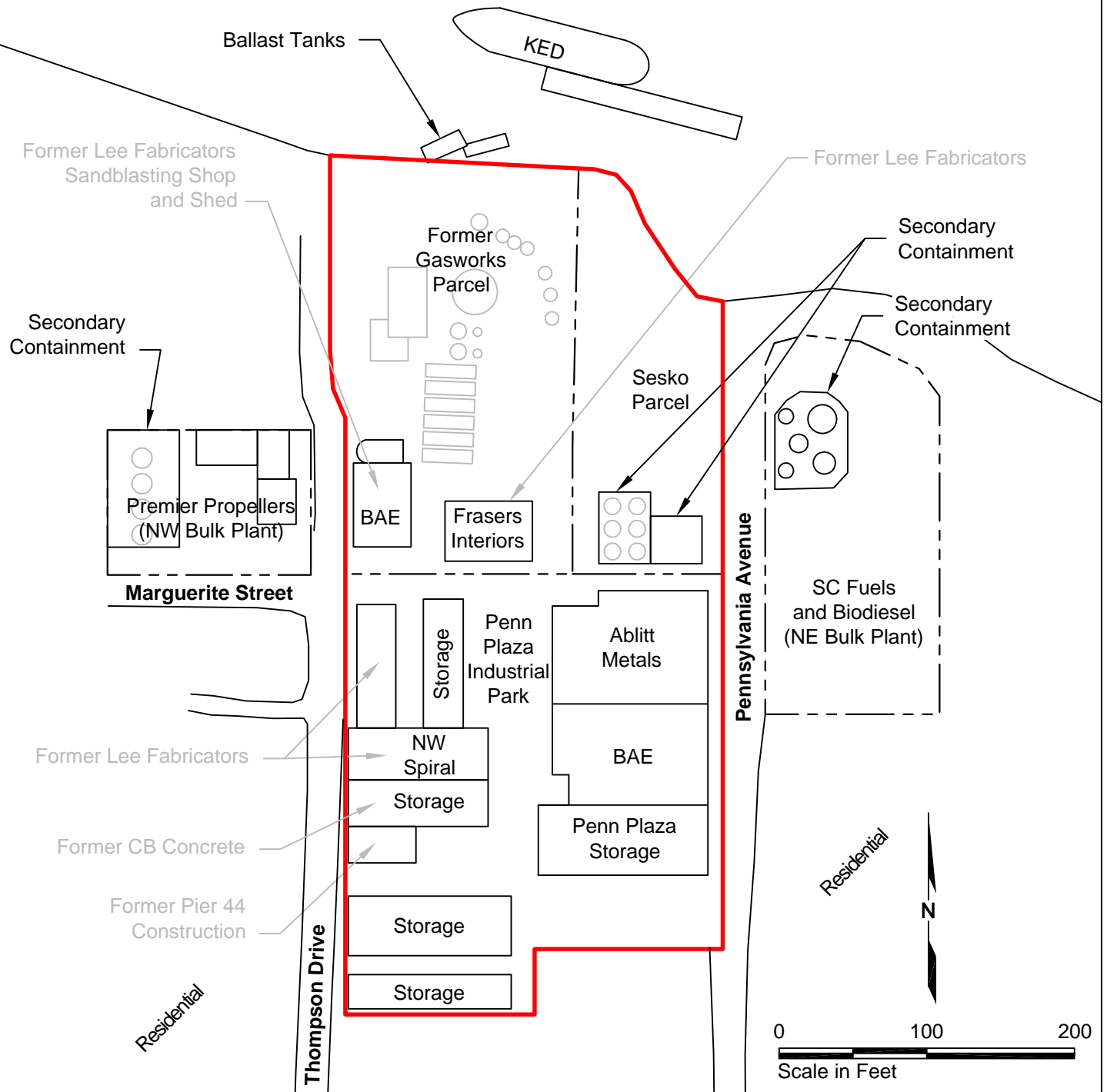
5/07



Figure

2

P O R T W A S H I N G T O N N A R R O W S



 Property Boundary
 Parcel Boundaries

Note: Items in gray are historical site features. Items in black are current features.

Bremerton Gasworks
Bremerton, Washington

Historical Features Map

17330-07

5/07

Figure

3



BRMGAS03

Analyte	mg/kg
Anthracene	260
Benzo(a)anthracene	15.8
Benzo(a)pyrene	7.83
Benzo(b)fluoranthene	10.8
Benzo(g, h, i)perylene	3.94
Benzo(k)fluoranthene	4.34
Chrysene	23.6
Dibenzo(a,h)anthracene	1.06
Indeno(1,2,3-cd)pyrene	3.66

BRMGAS04

Analyte	mg/kg
2-methylnaphthalene	7.61
Acenaphthene	15.3
Acenaphthylene	24.5
Anthracene	43.8
Benzo(a)anthracene	45.2
Benzo(a)pyrene	47.6
Benzo(b)fluoranthene	42.7
Benzo(g, h, i)perylene	35.1
Benzo(k)fluoranthene	16.1
Chrysene	52.1
Dibenzo(a,h)anthracene	5.65
Dibenzofuran	1.71
Fluoranthene	122
Fluorene	10.2
Indeno(1,2,3-cd)pyrene	27.3
Napthalene	15.7
Phenanthrene	102
Pyrene	159

PORT
WASHINGTON
NARROWS

KED

BRMGAS04

BRMGAS03

• BRMGAS02

Sesko
Parcel

BRMGAS01

Premier Propellers
(NW Bulk Plant)

BAE

Marguerite Street

BRMGAS01

Analyte	mg/kg
Anthracene	9,740
Benzo(a)anthracene	3,740
Benzo(a)pyrene	1,810
Benzo(b)fluoranthene	2,720
Benzo(g, h, i)perylene	1,420
Benzo(k)fluoranthene	734
Chrysene	4,160
Dibenzo(a,h)anthracene	262
Fluoranthene	12,500
Fluorene	6,070
Indeno(1,2,3-cd)pyrene	1,230
Phenanthrene	24,400
Pyrene	17,700

Penn
Plaza
Industrial
Park

Ablitt
Metals

BAE

Penn Plaza
Storage

Storage

Storage

Pennsylvania Avenue

SC Fuels
and Biodiesel
(NE Bulk Plant)

Residential

N

0 100 200
Scale in Feet

Thompson Drive

- Property Boundary
- Parcel Boundaries
- BRMGAS02 Soil Sample
- BRMGAS04 Sediment Sample

Bremerton Gasworks
Bremerton, Washington

Approximate Locations and Exceedances of
Soil and Sediment Samples - Sesko Parcel

17330-07

5/07

HARTCROWSER

Figure

4

Note: Items in gray are historical site features. Items in black are current features.

APPENDIX A

SITE RECONNAISSANCE PHOTOGRAPHS



Photograph 1 - View of the secondary containment structures at the Sesko parcel, looking northwest.



Photograph 2 - View of the beach and apex of gully at the Sesko parcel, looking east.



Photograph 3 - View of circular-shaped crack (location of former gas holder tank) at the Sesko parcel, looking north.



Photograph 4 - View of the portable diesel AST used by BAE at the Gasworks parcel, looking east.



Photograph 5 - View of one of the “ballast tanks” along the Gasworks parcel shoreline, looking east.



Photograph 6 - View of creosote-covered timbers on the shoreline slope of the Gasworks parcel.



Photograph 7 - View of the *KED* anchored along the Gasworks parcel shoreline, looking northeast.



Photograph 8 - View of the original building (Pennsylvania Avenue) at the Penn Plaza Industrial Park, looking northwest.



Photograph 9 - View of the second addition to the original building (Pennsylvania Avenue) at the Penn Plaza Industrial Park, looking southwest.



Photograph 10 - View of the third and last addition to the original building (Pennsylvania Avenue) at the Penn Plaza Industrial Park, looking southwest.



Photograph 11 - View of the parking area between the buildings at the Penn Plaza Industrial Park, looking north. Notice the catch basins along the center of the drive.



Photograph 12 - View of the bulk fuel ASTs and secondary containment at SC Fuels - Biodiesel on the northeast adjacent bulk plant.

APPENDIX B

HISTORICAL AERIAL PHOTOGRAPHS



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Date Photographed 8-21-03

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APPENDIX C
HISTORICAL DOCUMENT REGARDING
THE WESTERN GAS COMPANY

An Investigation
of The Western Gas Company of Washington
Bremerton, Washington

pertaining to
Fire-Hazard at the Gas Plant
Disposal of By-Products
Proposed Piping Ordinance

by

Sybrex R. Tynstra
Registered Engineer
Associate Professor of Mechanical Engineering
University of Washington

ML

UNIVERSITY OF
WASHINGTON LIBRARY

The Honorable H. A. Bruenn
 Mayor of the City of Bremerton
 Bremerton, Washington

Dear Sir:

Attached you will find the results of the investigation requested in your letter of March 14 pertaining to (1) fire-hazard at the local plant, (2) disposal of by-products, and (3) the proposed piping ordinance. Included in the report are suggested remedial measures for the conditions which were found to exist.

No attempt has been made to examine the gas plant proper to establish whether or not it will be able to supply the demand for gas if the city of Bremerton, its surrounding territory, and the Navy Yard continue to grow at the present rate. I shall be ready to make a further report at any time you express the wish for such additional investigation.

Respectfully submitted,

S. R. Tynstra
 S. R. Tynstra



25942 for Engineering Collection

AN INVESTIGATION OF THE WESTERN GAS COMPANY OF WASHINGTON

The Western Gas Company of Washington, located at Bremerton, Washington, was inspected on March 25 to establish whether or not it constituted a fire hazard and what disposal may be made of those by-products which cannot be sold. Moreover, the request made by the City Council to scrutinize the proposed ordinance for "The Installation, Maintenance, and Use of Piping and Fittings for City Gas" in customers' premises, was complied with.

The inspection trip to the gas plant was conducted by the Fire Chief, the Gas Plant Manager, and the writer.

INTRODUCTION

The plant itself is in a condition which can best be described as "better than average". About 700,000 cubic feet of carburated water-gas of 500 British thermal units heating value is made per day, and leaves the plant at a pressure of 40 pounds per square inch. This output seems to be close to the capacity of the plant. Any extensive growth of Bremerton, its surrounding territory, or the Navy Yard may, before long, demand increased gas-manufacturing capacity.

FIRE HAZARD

For the removal of tar from the gas, it is passed through apparatus filled with wood chips. In the past, excelsior was used for this purpose. While removing the tar from the gas, this material itself becomes covered with it and must finally be disposed of. Saturation occurs to a lesser extent with the iron-oxide-covered chips in other apparatus used for the removal of sulfur compounds from the gas.

The tar-laden wood chips and also the previously used tar-covered excelsior, as well as soot from the water-gas machines, is dumped at the edge of the plant near the oil-storage tanks in order to fill a gully. Tests conducted at the plant showed that (1) the soot will burn moderately, just about like fine coal; (2) the wood chips will burn somewhat better, just like kindling; and (3) the tar-soaked excelsior, when lighted, will flare up--as was to be expected. This condition, and particularly the proximity of the dump to the oil-storage tanks, constitutes a distinct fire hazard; especially so as no adequate fire protection is available in this section of the city.

DISPOSAL OF BY-PRODUCTS

The by-products of the gas plant consist of water-gas tar, a tar emulsion (combination of tar and water), and its effluent liquor, which is mostly water mixed with a little tar and oil.

The tar proper is sold to the Barrett Company and is shipped to Canada. The effluent liquor is lately being cooled to remove its condensable vapors and is sent to the bay through a drain pipe. The tar emulsion is dumped in shallow pits dug at random in the ground.

Tests conducted at the plant show that the emulsion carries so much water that it will not burn in its present state, not even when exposed to a bonfire. Therefore, it is decidedly not a fire hazard.

The pits or pools containing this emulsion are not guarded or fenced in, and therefore constitute a safety hazard for children playing around them and for others cutting across the vacant property on which these pits are located.

THE PIPING ORDINANCE

The proposed piping ordinance has been carefully examined. It is found to be an excellent one as a whole, but experience with it has pointed to some discrepancies, inaccuracies, and even some impossibilities.

RECOMMENDATIONS

FIRE HAZARD

a. A fire plug or hydrant should be installed in the street in front of the gas plant, and should be connected to the water main located there. This hydrant will also give fire protection to the houses across the street.

b. The tar-laden excelsior which is exposed to sight or easily accessible should be raked out of the dump, carried to a safe place, and burned.

c. The tar-covered wood chips, when dumped, should be evenly spread or raked out and be covered with a layer of the soot. This, in turn, should be covered with a layer of the ashes and cinders now dumped elsewhere. Care should be taken to have the ashes and cinders thoroughly quenched.

These suggestions will eliminate the fire hazard and change it to a safe dump.

Of course, the chips could also be burned if convenient, but this is not considered necessary if they are covered as suggested.

THE DISPOSAL OF BY-PRODUCTS

a. The disposal of effluent into the bay should be tolerated as long as it does not constitute too great a nuisance. Otherwise, it should be passed through a coke filter, which will absorb some of its objectionable constituents. The coke itself when saturated with these can be used up in the water-gas machines. However, the new cooler may have sufficiently cleared up this situation.

b. The emulsion could be used as road material, either after being treated, or as it is. In either case, the amount involved is too small to

warrant extensive preparations. Therefore, the gas company should be allowed to dispose of this at its own discretion, in either of two ways: (1) to cover the unpaved road to its own plant with a very thin layer, if the city will immediately cover it with sand; (2) to continue to dump it in shallow pits, but to put a simple and inexpensive fence around these, and ultimately to cover them with dirt. The fence will safeguard the pits sufficiently so as to remove all danger.

THE PIPING ORDINANCE

The following changes are recommended in the proposed piping ordinance:

Section

- 3-b Fourth line: change the word "never" to "not".
- 3-f Add "and an extension light complete with guard".
- 4-a Add "such craftsman shall also install the electric wiring between the standard electric system and any step-down transformer (similar to a doorbell transformer) furnishing a low voltage current for any gas-regulating device."
- 6-a b should come first and be called a; a should come second and be called b.
- 8 Do not add the words "30 lbs air pressure", inserted in red in the code. Section 4 of the appendix covers the details of testing.
- 11 Reference is made in a and b to "a gas fitter not in the employ of the gas company". In c and d reference is made to "a gas fitter", but "a gas fitter not in the employ of the gas company" is meant.
- 12-c Fourth line: delete "or into the combustion...burning flame".
- 14-a Ninth line: change the word "best" to "standard".
- 14-d Fourth line: change the word "perfect" to "good"; delete "in that building".
- 14-e Change "all bends" to "all sharp bends".

17 Change to read: "Piping to be Sloped.

All piping shall be sloped, preferably not less than $\frac{1}{4}$ inch in 15 feet to prevent traps. The entire piping system should drain back towards the meter, unless the structure is so framed as to prevent this; but this rule does not permit violation of Rule 16. In the latter case, proper means must be provided to take care of the condensate."

Whether or not the appendix is intended to be part of the ordinance is problematical. If it is to be included, then exception is taken to section 9. This section is called "Inspection of New Piping", but it concerns itself greatly with the testing of the piping by the proper administrative authority. No one is more interested in a tight piping system than the gas company, and it should do the testing without further supervision. Otherwise, the testing equipment will have to remain connected until a city inspector gets on the job. Past experience with a similar code has shown that this may take days. In the meantime the customer is deprived of the use of gas, and the gas company's testing apparatus is tied up or must be reinstalled.

APPENDIX D

SANBORN FIRE INSURANCE MAPS



"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Sonia Fernandez
Hart Crowser, Inc.
1910 Fairview Avenue
Seattle, WA 98102

Order Date: 2/9/2007 **Completion Date:** 2/12/2007

Inquiry #: 1854603.3s

P.O. #: 1733006

Site Name: Old Bremerton Gasworks Area

Address: 1725 Pennsylvania Avenue

City/State: Bremerton, WA 98337

Cross Streets:

Customer Project: Old Bremerton G
1013409BRU 206-324-9530

Based on client-supplied information, fire insurance maps for the following years were identified

1947 - 1 Map

1968 - 1 Map

Limited Permission to Photocopy

Total Maps: 2

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27

28

27

WASH . . 503

A black and white photograph of a circular postmark. The text "JUNE 1928" is at the top, "BREMERTON" is in the middle in a larger font, and "WASH" is at the bottom. The entire stamp is enclosed in a thick black oval border.

DEC. 1940

SCALE 100 FT TO AN INCH

2

2

Port Washington Narrows

9

UESA: RINGS FORMERLY SHOWN ON S

76

AVE	2	3
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
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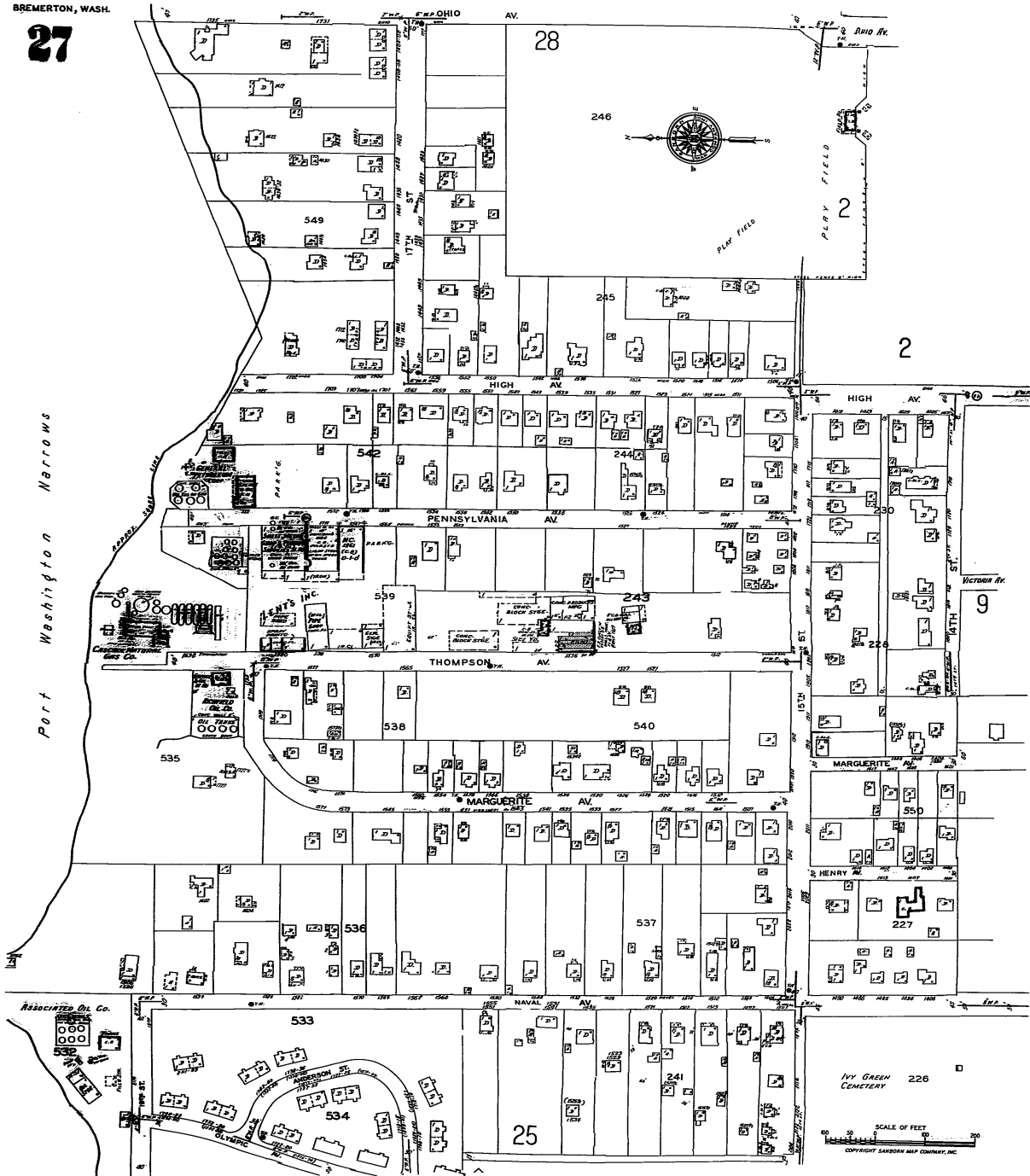
Yes

EDR Research Associate

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BREMERTON, WASH.

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APPENDIX E
SITE ASSESSMENT REPORT
ENVIRONMENTAL DATA RESOURCES, INC.



The EDR Radius Map with GeoCheck®

**Old Bremerton Gasworks Area
1725 Pennsylvania Avenue
Bremerton, WA 98337**

Inquiry Number: 1854603.2s

February 12, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1725 PENNSYLVANIA AVENUE
BREMERTON, WA 98337

COORDINATES

Latitude (North): 47.577600 - 47° 34' 39.4"
Longitude (West): 122.642300 - 122° 38' 32.3"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 526900.7
UTM Y (Meters): 5269197.0
Elevation: 46 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 47122-E6 BREMERTON WEST, WA
Most Recent Revision: 1981

East Map: 47122-E5 BREMERTON EAST, WA
Most Recent Revision: 1981

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
1725 PENNSYLVANIA AVE 1725 PENNSYLVANIA AVE BREMERTON, WA	SPILLS	N/A
1725 PENNSYLVANIA 1725 PENNSYLVANIA BREMERTON, WA	SPILLS	N/A
OLD BREMERTON GASWORKS & SESKO PR 1725 PENNSYLVANIA AV BREMERTON, WA 98310	RCRA-SQG CSCSL FINDS BROWNFIELDS	WAD988501961
OLD BREMERTON GAS WORKS 1725 PENNSYLVANIA AVE BREMERTON, WA 98337	Manufactured Gas Plants	N/A
1725 PENNSYLVANIA AVE 1725 PENNSYLVANIA AVE BREMERTON, WA	SPILLS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information System
US CDL	Clandestine Drug Labs
RADINFO	Radiation Information Database
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HSL	Hazardous Sites List
CSCSL NFA	Confirmed & Contaminated Sites - No Further Action
SWF/LF	Solid Waste Facility Database
SWTIRE	Solid Waste Tire Facilities
AST	Aboveground Storage Tank Locations
INST CONTROL	Institutional Control Site List
DRYCLEANERS	Drycleaner List

EXECUTIVE SUMMARY

CDL..... Clandestine Drug Lab Contaminated Site List
NPDES..... Water Quality Permit System Data
EMI..... Washington Emissions Data System
Inactive Drycleaners..... Inactive Drycleaners

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

EDR Historical Auto StationsEDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PACIFIC NORTH ENERGY</i>	<i>1702 PENNSYLVANIA AVENU</i>	<i>0 - 1/8 S</i>	<i>B8</i>	<i>14</i>
<i>AMERICAN MARINE INDUSTRIES</i>	<i>1500 THOMPSON DR</i>	<i>1/8 - 1/4S</i>	<i>11</i>	<i>25</i>

EXECUTIVE SUMMARY

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUGET SOUND NAVAL SHIPYARD		1/2 - 1 S	0	11

STATE AND LOCAL RECORDS

CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, and dated 11/08/2006 has revealed that there are 13 CSCSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC NORTH ENERGY	1702 PENNSYLVANIA AVENUE	0 - 1/8 S	B8	14
PEDERSON OIL SITE	2100 19TH ST	0 - 1/8 W	C10	20
BREMERTON SCHOOL DIST HADDON	LAFAYETTE AVE & W 15TH	1/2 - 1 WSW	19	31
NEWMANS CHEVRON	2021 6TH ST	1/2 - 1 S	21	36
ALBERTSONS INC	6TH ST / NAVAL AVE	1/2 - 1 S	22	37
LAMBERTS RADIATOR SHOP	3338 KITSAP WY	1/2 - 1 WSW	27	53
CITY HAND LAUNDRY	1002 4TH ST	1/2 - 1 SSE	28	57

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EVERGREEN PARK BREMERTON	14TH ST / SHELDON BLV	1/2 - 1 ESE	20	33
BREMERTON PARK AVE HOUSING RED	7TH ST / WARREN AVE	1/2 - 1 SSE	23	38
BREM AIR DISPOSAL INCORPORATED	512 SHELDON BOULEVARD	1/2 - 1 ESE	F24	40
LOFTHUS BULK PLANT	510 SHELDON BLVD	1/2 - 1 ESE	F25	46
CHEVRON TANK FARM PORT WA NAR	1310 HIGHLAND AVE	1/2 - 1 ESE	26	50
PARK AVENUE CLEANERS	421 PARK AVE	1/2 - 1 SE	29	64

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 12/13/2006 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUMP STATION CW-1	2304 19TH AVE	1/8 - 1/4 W	12	26
COCA COLA	1600 12TH STREET	1/4 - 1/2 S	D14	27
BREMERTON PUBLIC WORKS	1548 WARREN AVENUE	1/4 - 1/2 E	E15	28

EXECUTIVE SUMMARY

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 12/13/2006 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC NORTHWEST ENERGY CO BR	1702 PENNSYLVANIA AVE	0 - 1/8 S	B6	11
PUMP STATION CW-1	2304 19TH AVE	1/8 - 1/4 W	12	26

MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 06/12/2006 has revealed that there is 1 WA MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC NORTH ENERGY	1702 PENNSYLVANIA AVENU	0 - 1/8 S	B8	14

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 11/08/2006 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC NORTHWEST ENERGY CO BR	1702 PENNSYLVANIA AVE	0 - 1/8 S	B6	11
PEDERSON OIL SITE	2100 19TH ST	0 - 1/8 W	C9	19

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 5 ICR sites within approximately 0.5 miles of the target property.

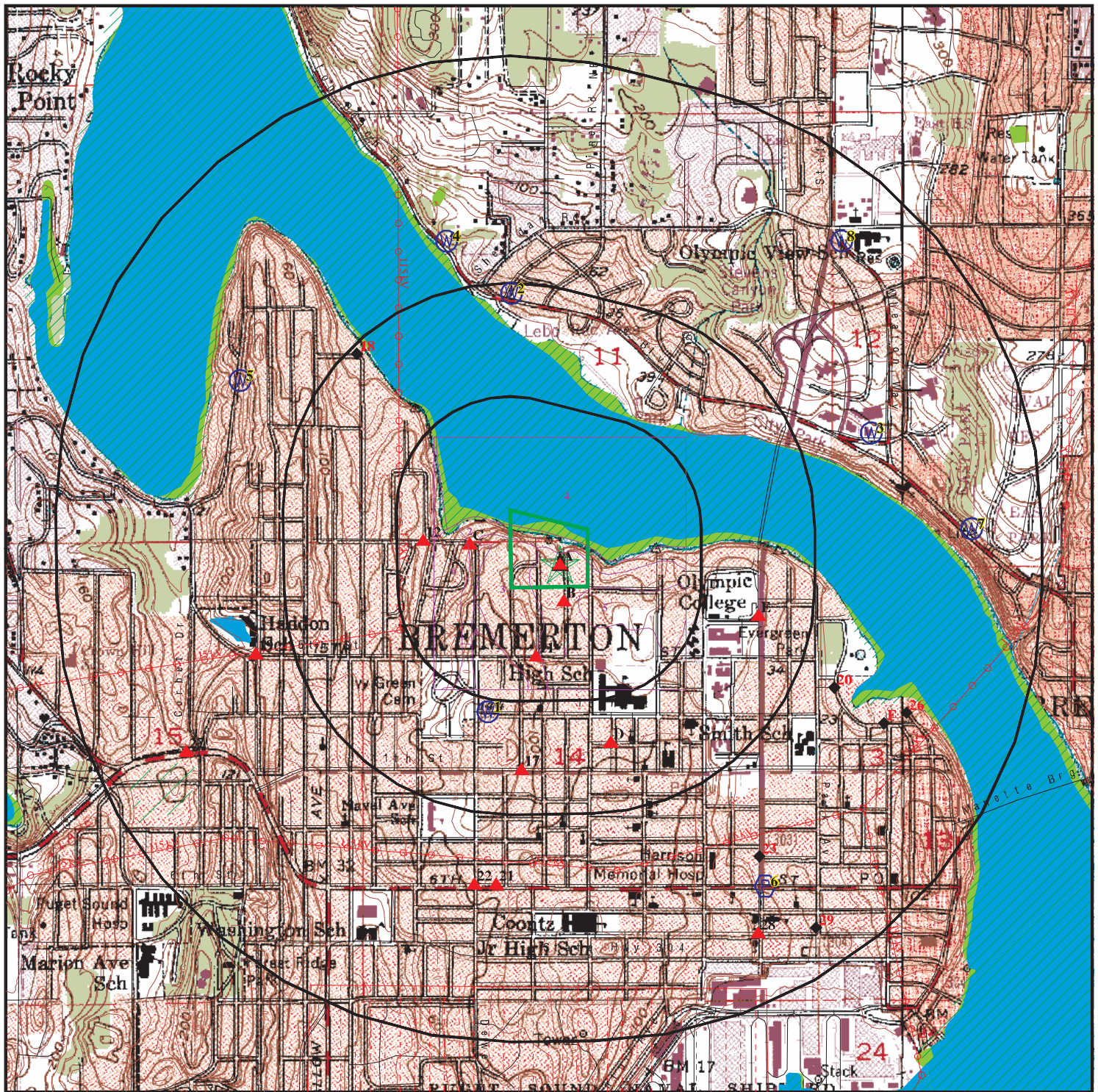
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TOSCO BULK PLANT/PACIFIC COAST	1702 PENNSYLVANIA AVE.	0 - 1/8 S	B7	12
COCA COLA PLANT (FORMER)	1600 12TH ST.	1/4 - 1/2 S	D13	27
BREMERTON CITY ELECTRONICS SHO	1548 WARREN AVE.	1/4 - 1/2 E	E16	29
PUGET POWER - HEWITT SUBSTATIO	11TH ST. / HEWITT AVE	1/4 - 1/2 S	17	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL #0059	25TH / SNYDER ST.	1/4 - 1/2 NW	18	30

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
PIDDUCK PROPERTY	CSCSL, FINDS
FUDS PSN AMMO DEPOT	CSCSL
US NAVY JACKSON PARK OU 3	CSCSL
VIP LANDFILL	CSCSL, FINDS, BROWNFIELDS
US NAVY JACKSON PARK OU 1	CSCSL
HEAD OF BAY	CSCSL, FINDS, BROWNFIELDS
US NAVY JACKSON PARK	CSCSL, INST CONTROL
US NAVY JACKSON PARK OU 2	CSCSL
SKIRVING DUMP	CSCSL, FINDS, BROWNFIELDS
ABANDONED ROCK QUARRY	CSCSL
FORMER PORT ORCHARD SAND & GRAVEL	CSCSL
PIONEER LANDFILL	CSCSL, FINDS, VCP
SADTLER PROPERTY	CSCSL, VCP
POPE LUMBER MILL FORMER	CSCSL
US NAVY CAMP WESELY HARRIS	CSCSL, FINDS, BROWNFIELDS
GORST CREEK-BREMERTON AUTO WRECKING LANDFILL	CERCLIS, FINDS
AT BEST APPLIANCE	SWF/LF
WEST SOUND RECYCLING	SWF/LF
BREMERTON WASTEWATER	SPILLS
CITY OF BREMERTON	SPILLS
US NAVY - PSNS BREMERTON	SPILLS
CITY OF BREMERTON	SPILLS
CITY OF BREMERTON	SPILLS
US NAVY - PSNS / NAVAL STATION BREMERTON	SPILLS
CITY OF BREMERTON	SPILLS
CITY OF BREMERTON	SPILLS
BAYVIEW SUBARU	RCRA-SQG, FINDS
BREMERTON CITY PWO EQUIPMENT SVCS DIV	RCRA-SQG, FINDS
WA DOT BREMERTON WILKERSON RD	RCRA-SQG, FINDS
US NAVY HOSPITAL BREMERTON 1 BOONE RD	PADS, FINDS, RCRA-LQG, WA MANIFEST
BREMERTON MARINA NEXT TO STATE FERRY DOCK WASHINGTON & 1ST	ERNS
BREMERTON FERRY TERMINAL	ERNS
BREMERTON FAIRY LANDING	ERNS
LOW INCOME AREA	ERNS
1ST STREET DOCK IN BREMERTON	ERNS
GORST GAS MART	FINDS, VCP
HANDY ANDYS 6364	FINDS, VCP
LONGWELL RESIDENCE	FINDS, VCP
BREMERTON WATERFRONT NORTH PARCEL 1	FINDS, VCP
POPE LUMBER MILL FORMER	FINDS, VCP
CEDAR GROVE GROCERY #614	ICR
TIME OIL #01 364	ICR
EXXON #7 2483	ICR
KITSAP COUNTY ROAD SHOP - CENTRAL YARD	ICR
PORT OF BREMERTON BLDG. 2	ICR
PUGET POWER SUBSTATION	ICR
WYMER PROPERTY	ICR
PUGET POWER - WYCKOFF SUBSTATION	ICR
BREMERTON WATERFRONT NORTH PARCEL 1	CSCSL NFA

OVERVIEW MAP - 1854603.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Old Bremerton Gasworks Area
 ADDRESS: 1725 Pennsylvania Avenue
 Bremerton WA 98337
 LAT/LONG: 47.5776 / 122.6423

CLIENT: Hart Crowser, Inc.
 CONTACT: Sonia Fernandez
 INQUIRY #: 1854603.2s
 DATE: February 12, 2007 10:07 am

The map shows Bremerton, WA, with a green box highlighting a specific area in the northern part of the city. The highlighted area is bounded by a green line and contains a green star and a red triangle. The map includes various landmarks, streets, and topographical features. The city name "BREMERTON" is prominently displayed in the center. Other labels include "High School", "Olympic College", "Green Cem", "144 St", "Bremerton High School", "N. Rainier Ave", "Lafayette Ave", "Houston Ave", "7th St", "8th St", "9th St", "10th St", "11th St", "12th St", "13th St", "14th St", "15th St", "16th St", "17th St", "18th St", "19th St", "20th St", "21st St", "22nd St", "23rd St", "24th St", "25th St", "26th St", "27th St", "28th St", "29th St", "30th St", "31st St", "32nd St", "33rd St", "34th St", "35th St", "36th St", "37th St", "38th St", "39th St", "40th St", "41st St", "42nd St", "43rd St", "44th St", "45th St", "46th St", "47th St", "48th St", "49th St", "50th St", "51st St", "52nd St", "53rd St", "54th St", "55th St", "56th St", "57th St", "58th St", "59th St", "60th St", "61st St", "62nd St", "63rd St", "64th St", "65th St", "66th St", "67th St", "68th St", "69th St", "70th St", "71st St", "72nd St", "73rd St", "74th St", "75th St", "76th St", "77th St", "78th St", "79th St", "80th St", "81st St", "82nd St", "83rd St", "84th St", "85th St", "86th St", "87th St", "88th St", "89th St", "90th St", "91st St", "92nd St", "93rd St", "94th St", "95th St", "96th St", "97th St", "98th St", "99th St", "100th St".

-
- 0 1/16 1/8 1/4 Miles

SITE NAME: Old Bremerton Gasworks Area
ADDRESS: 1725 Pennsylvania Avenue
 Bremerton WA 98337
LAT/LONG: 47.5776 / 122.6423

CLIENT: Hart Crowser, Inc.
CONTACT: Sonia Fernandez
INQUIRY #: 1854603.2s
DATE: February 12, 2007 10:07 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.	X	0.250	1	1	NR	NR	NR	2
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	1	NR	1
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
CSCSL	X	1.000	2	0	0	11	NR	13
HSL		1.000	0	0	0	0	NR	0
CSCSL NFA		0.500	0	0	0	NR	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
LUST		0.500	0	1	2	NR	NR	3
UST		0.250	1	1	NR	NR	NR	2
AST		0.250	0	0	NR	NR	NR	0
MANIFEST		0.250	1	0	NR	NR	NR	1
SPILLS	X	TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
VCP		0.500	2	0	0	NR	NR	2
ICR		0.500	1	0	4	NR	NR	5
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS	X	0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
WA Emissions		TP	NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.250	0	0	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants	X	1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1

**Target
Property**

**1725 PENNSYLVANIA AVE
BREMERTON, WA**

SPILLS

**S105789388
N/A**

Site 1 of 5 in cluster A

**Actual:
46 ft.**

SPILLS:

Facility ID: 532426
Medium: SURFACE WATER-MARINE
Material Desc: PETROLEUM - UNKNOWN
Material Qty: 1
Material Units: SHEEN
Date Received: 2003-03-12 00:00:00
Contact Name: SESKO
Company Name: Not reported

A2

**Target
Property**

**1725 PENNSYLVANIA
BREMERTON, WA**

SPILLS

**S107473406
N/A**

Site 2 of 5 in cluster A

**Actual:
46 ft.**

SPILLS:

Facility ID: 531593
Medium: SURFACE WATER-MARINE
Material Desc: PETROLEUM - GASOLINE
Material Qty: 25
Material Units: GALLON
Date Received: 2003-01-25 00:00:00
Contact Name: SESKO
Company Name: Not reported

A3

**Target
Property**

**OLD BREMERTON GASWORKS & SESKO PROPERTY
1725 PENNSYLVANIA AV
BREMERTON, WA 98310**

**RCRA-SQG
CSCSL
FINDS
BROWNFIELDS**

**1004794290
WAD988501961**

Site 3 of 5 in cluster A

**Actual:
46 ft.**

RCRAInfo:

Owner: LEE FABRICATORS INC
(360)698-1190
EPA ID: WAD988501961
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

CSCSL:

Facility ID: 2641
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.57705
Longitude: -122.64211
Lat/Long: 47.57705 / -122.64211
Lat/Long (dms): 47 34 37 / 122 38 31
Media ID: 3994

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OLD BREMERTON GASWORKS & SESKO PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1004794290

Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Confirmed above MTCA cleanup levels
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup): Not reported

Facility ID: 2641
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.57705
Longitude: -122.64211
Lat/Long: 47.57705 / -122.64211
Lat/Long (dms): 47 34 37 / 122 38 31
Media ID: 3995
Media Type Desc: Groundwater
Media Status Desc: Suspected
Affected Media: Ground Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Suspected to be present
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OLD BREMERTON GASWORKS & SESKO PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1004794290

Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Suspected to be present	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Ranked, Awaiting Remedial Action (RA)	
Independent Site Status (independent cleanup):	Not reported	
Facility ID:	2641	
warm_bin_n:	1	
Prog plan code:	Not reported	
Latitude:	47.57705	
Longitude:	-122.64211	
Lat/Long:	47.57705 / -122.64211	
Lat/Long (dms):	47 34 37 / 122 38 31	
Media ID:	3996	
Media Type Desc:	Surface Water	
Media Status Desc:	Suspected	
Affected Media:	Surface Water	
Affected Media Status:	S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Suspected to be present	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Suspected to be present	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Not reported	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Ranked, Awaiting Remedial Action (RA)	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

OLD BREMERTON GASWORKS & SESKO PROPERTY (Continued)

1004794290

Independent Site Status (independent cleanup): Not reported

Facility ID:	2641	
warm_bin_n:	1	
Prog plan code:	Not reported	
Latitude:	47.57705	
Longitude:	-122.64211	
Lat/Long:	47.57705 / -122.64211	
Lat/Long (dms):	47 34 37 / 122 38 31	
Media ID:	3997	
Media Type Desc:	Sediment	
Media Status Desc:	Confirmed	
Affected Media:	Sediments	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Suspected to be present
Metals - Other non-priority pollutant metals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup):		Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety,

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OLD BREMERTON GASWORKS & SESKO PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1004794290

Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

BROWNFIELDS:

Facility ID: 2641
Site Stat Code: 2

Facility ID: 2641
Site Stat Code: 2

Facility ID: 2641
Site Stat Code: 2

Facility ID: 2641
Site Stat Code: 2

**A4
Target
Property**

**OLD BREMERTON GAS WORKS
1725 PENNSYLVANIA AVE
BREMERTON, WA 98337**

Manufactured Gas Plants

**1008408697
N/A**

Site 4 of 5 in cluster A

**Actual:
46 ft.**

Manufactured Gas Plants:
Alternate Name: WESTERN GAS CO.

**A5
Target
Property**

**1725 PENNSYLVANIA AVE
BREMERTON, WA**

**SPILLS S107487379
N/A**

Site 5 of 5 in cluster A

**Actual:
46 ft.**

SPILLS:

Facility ID: 534874
Medium: SOIL
Material Desc: PETROLEUM - UNKNOWN
Material Qty: Not reported
Material Units: Not reported
Date Received: 2003-07-11 00:00:00
Contact Name: SESKO
Company Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOD
Region
South
1/2-1
4636 ft.

PUGET SOUND NAVAL SHIPYARD
PUGET SOUND NAVAL SHIPYAR (County), WA

DOD **CUSA101062**
N/A

DOD:

Feature 1: Navy DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Puget Sound Naval Shipyard
Name 2: Not reported
Name 3: Not reported
State: WA
DOD Site: Yes
Tile name: WAKITSAP

B6
South
< 1/8
156 ft.

PACIFIC NORTHWEST ENERGY CO BREMERTON
1702 PENNSYLVANIA AVE
BREMERTON, WA 98337

UST **U004040799**
VCP **N/A**

Site 1 of 3 in cluster B

Relative:
Higher

UST:

Actual:
59 ft.

Facility ID: 2788449
Site ID: 618968
Status: Removed
Tank Name: 3
Install Date: Not reported
Capacity: 5,000 to 9,999 Gallons
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 618383
Compartment ID: 592681
Decimal Latitude: 47.57627999999997
Decimal Longitude: -122.64193

Facility ID: 2788449
Site ID: 618968
Status: Removed
Tank Name: 2
Install Date: Not reported
Capacity: 5,000 to 9,999 Gallons
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 618382
Compartment ID: 592680
Decimal Latitude: 47.57627999999997
Decimal Longitude: -122.64193

Facility ID: 2788449
Site ID: 618968
Status: Removed
Tank Name: 4
Install Date: Not reported
Capacity: 2,001 to 4,999 Gallons
Compartment #: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC NORTHWEST ENERGY CO BREMERTON (Continued)

EDR ID Number
EPA ID Number

Database(s)

U004040799

Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 618384
Compartment ID: 592682
Decimal Latitude: 47.576279999999997
Decimal Longitude: -122.64193

Facility ID: 2788449
Site ID: 618968
Status: Removed
Tank Name: 1
Install Date: Not reported
Capacity: 5,000 to 9,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 618381
Compartment ID: 592679
Decimal Latitude: 47.576279999999997
Decimal Longitude: -122.64193

VCP:

Facility ID: 2788449
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

Facility ID: 2788449
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

Facility ID: 2788449
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

B7
South
< 1/8
156 ft.

TOSCO BULK PLANT/PACIFIC COAST ENERGY
1702 PENNSYLVANIA AVE.
BREMERTON, WA 98310

ICR S104223482
N/A

Site 2 of 3 in cluster B

Relative:
Higher

ICR:

Actual:
59 ft.

Date Ecology Received Report: 01/06/2000
Contaminants Found at Site: Petroleum products, Non-halogenated solvents
Media Contaminated: Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-22
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TOSCO BULK PLANT/PACIFIC COAST ENERGY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104223482

Date Ecology Received Report: / /
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-10
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/27/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-19
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/02/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-38
County Code: 18.00000
Contact: Not reported
Report Title: Results of Quarterly Ground Water Sampling - February 2001

Date Ecology Received Report: 11/07/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 18.00000
Contact: Not reported
Report Title: Results of Quarterly Ground Water Sampling - August/September 2000

Date Ecology Received Report: 07/09/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-40
County Code: 18.00000
Contact: Not reported
Report Title: Results of Quarterly Ground Water Sampling - May 2001

Date Ecology Received Report: 02/11/2002
Contaminants Found at Site: Metals, Petroleum products

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TOSCO BULK PLANT/PACIFIC COAST ENERGY (Continued)

EDR ID Number
EPA ID Number

S104223482

Media Contaminated: Groundwater, Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-46
County Code: 18.00000
Contact: Not reported
Report Title: Results of Quarterly Ground Water Sampling

Date Ecology Received Report: 03/19/2002
Contaminants Found at Site: Petroleum products, 43
Media Contaminated: Groundwater, Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-46
County Code: 18.00000
Contact: Not reported
Report Title: Results of Quarterly Ground Water Sampling - February 2002

B8
South
< 1/8
156 ft.

Relative:
Higher

Actual:
59 ft.

PACIFIC NORTH ENERGY
1702 PENNSYLVANIA AVENUE
BREMERTON, WA 98337

RCRA-SQG **1000920694**
CSCSL **WA0000712919**
FINDS
SPILLS
WA MANIFEST

Site 3 of 3 in cluster B

RCRAInfo:
Owner: TOSCO REFINING CO
EPA ID: WA0000712919
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: Violations exist

Regulation Violated: 070
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 06/26/1996
Actual Date Achieved Compliance: 07/24/1996

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/26/1996
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation Area of Violation
Compliance Evaluation Inspection GENERATOR-GENERAL REQUIREMENTS

Date of
Compliance
19960724

CSCSL:
Facility ID: 2788449
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.576279999999997
Longitude: -122.64193
Lat/Long: 47.576279999999997 / -122.64193
Lat/Long (dms): 47 34 34.609999999999999 / 122 38 30.949999999999999
Media ID: 5710

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC NORTH ENERGY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000920694

Media Type Desc:	Soil	
Media Status Desc:	Confirmed	
Affected Media:	Soil	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Confirmed above MTCA cleanup levels	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Not reported	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Independent Site Assessment of Interim Remedial Action Report received	
Facility ID:	2788449	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.576279999999997	
Longitude:	-122.64193	
Lat/Long:	47.576279999999997 / -122.64193	
Lat/Long (dms):	47 34 34.609999999999999 / 122 38 30.949999999999999	
Media ID:	5848	
Media Type Desc:	Sediment	
Media Status Desc:	Suspected	
Affected Media:	Sediments	
Affected Media Status:	S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC NORTH ENERGY (Continued)

EDR ID Number
EPA ID Number

1000920694

Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2788449
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.576279999999997
Longitude: -122.64193
Lat/Long: 47.576279999999997 / -122.64193
Lat/Long (dms): 47 34 34.609999999999999 / 122 38 30.949999999999999
Media ID: 5410
Media Type Desc: Groundwater
Media Status Desc: Suspected
Affected Media: Ground Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Suspected to be present
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC NORTH ENERGY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000920694

Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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SPILLS:

Facility ID: 546289
Medium: UNKNOWN
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 5
Material Units: GALLON
Date Received: 2005-02-12 00:00:00
Contact Name: BAIN
Company Name: PACIFIC NW ENERGY CORPORATION

WA MANIFEST:

Facility Site ID Number: 2788449
Permit by Rule: No
Treatment by Generator: No
Mixed radioactive waste: No
Importer of hazardous waste: No
Immediate recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of dangerous fuel waste: No
Generator marketing to burner: No
"Other marketers (i.e., blender, distributor, etc.)": No
Utility boiler burner: No
Industry boiler burner: No
Industrial Furnace: No
Smelter deferral: No
Universal waste - batteries - generate: No
Universal waste - thermostats - generate: No
Universal waste - mercury - generate: No
Universal waste - lamps - generate: No
Universal waste - batteries - accumulate: No
Universal waste - thermostats - accumulate: No
Universal waste - mercury - accumulate: No
Universal waste - lamps - accumulate: No
Destination Facility for Universal Waste: No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC NORTH ENERGY (Continued)

1000920694

Off-specification used oil burner - utility boiler: No
Off-specification used oil burner - industrial boiler: No
Off-specification used oil burner - industrial furnace: No
EPA ID: WA0000712919
Facility Address 2: Not reported
TAX REG NBR: 601794042
NAICS CD: 454311
BUSINESS TYPE: Not reported
MAIL NAME: Pacific Northwest Energy Co Bremerton
MAIL ADDR LINE1: 1702 Pennsylvania Ave
MAIL CITY,ST,ZIP: BREMERTON, WA 98337
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Tosco Refining Co
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: Avon Refinery
LEGAL CITY,ST,ZIP: MARTINEZ, CA 94553-1487
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (253)475-7600
LEGAL EFFECTIVE DATE: 3/31/1997
LAND ORG NAME: Tosco Refining Co
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: Avon Refinery
LAND CITY,ST,ZIP: MARTINEZ, CA 94553-1487
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: (360)373-9666
OPERATOR ORG NAME: Not reported
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: Avon Refinery
OPERATOR CITY,ST,ZIP: MARTINEZ, CA 94553-1487
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: (510)228-1220 2975
OPERATOR EFFECTIVE DATE: 7/22/1997
SITE CONTACT NAME: Brian Kaes
SITE CONTACT ADDR LINE1: 1702 Pennsylvania Ave
SITE CONTACT ZIP: BREMERTON, WA 98337-1147
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: (360)479-2772
SITE CONTACT EMAIL: kaesb@scfuels.com
FORM CONTACT NAME: Brian Kaes
FORM CONTACT ADDR LINE1: 1702 Pennsylvania Ave
FORM CONTACT CITY,ST,ZIP: BREMERTON, WA 98337-1147
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: (360)479-2772
FORM CONTACT EMAIL: kaesb@scoil.com
GEN STATUS CD: XQG
MONTHLY GENERATION: No
BATCH GENERATION: No
ONE TIME GENERATION: No
TRANSPORTS OWN WASTE: No
TRANSPORTS OTHERS WASTE: No
RECYCLER ONSITE: No
TRANSFER FACILITY: No
OTHER EXEMPTION: Not reported
UW BATTERY GEN: No
USED OIL TRANSPORTER: No
USED OIL TRANSFER FACILITY: No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC NORTH ENERGY (Continued)

EDR ID Number
EPA ID Number

1000920694

USED OIL PROCESSOR: No
USED OIL REREFINER: No
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No
USED OIL FUEL MRKTR MEETS SPECS: No

C9
West
< 1/8
473 ft.

PEDERSON OIL SITE
2100 19TH ST
BREMERTON, WA 98312

FINDS 1007078974
VCP 110015556726

Site 1 of 2 in cluster C

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
54 ft.

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VCP:

Facility ID: 3122819
Ecology Status: Independent Remedial Action
WARM BIN #: 4
NFA Code: Not reported
Program Plan: 4

Facility ID: 3122819
Ecology Status: Independent Remedial Action
WARM BIN #: 4
NFA Code: Not reported
Program Plan: 4

Facility ID: 3122819
Ecology Status: Independent Remedial Action
WARM BIN #: 4
NFA Code: Not reported
Program Plan: 4

Facility ID: 3122819
Ecology Status: Independent Remedial Action
WARM BIN #: 4
NFA Code: Not reported
Program Plan: 4

Facility ID: 3122819
Ecology Status: Independent Remedial Action
WARM BIN #: 4
NFA Code: Not reported
Program Plan: 4

Facility ID: 3122819
Ecology Status: Independent Remedial Action
WARM BIN #: 4

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PEDERSON OIL SITE (Continued)

EDR ID Number
EPA ID Number

1007078974

NFA Code: Not reported
Program Plan: 4

Facility ID: 3122819
Ecology Status: Independent Remedial Action
WARM BIN #: 4
NFA Code: Not reported
Program Plan: 4

C10
West
< 1/8
473 ft.

PEDERSON OIL SITE
2100 19TH ST
BREMERTON, WA 98312

CSCSL S103083984
N/A

Site 2 of 2 in cluster C

Relative:
Higher

CSCSL:
Facility ID: 3122819
warm_bin_n: 4
Prog plan code: 4
Latitude: 47.578389999999999
Longitude: -122.64681
Lat/Long: 47.578389999999999 / -122.64681
Lat/Long (dms): 47 34 42 / 122 38 48
Media ID: 5678
Media Type Desc: Groundwater
Media Status Desc: Confirmed
Affected Media: Ground Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported

Actual:
54 ft.

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Suspected to be present
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 3122819
warm_bin_n: 4

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PEDERSON OIL SITE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103083984

Prog plan code: 4
Latitude: 47.578389999999999
Longitude: -122.64681
Lat/Long: 47.578389999999999 / -122.64681
Lat/Long (dms): 47 34 42 / 122 38 48
Media ID: 5813
Media Type Desc: Surface Water
Media Status Desc: Suspected
Affected Media: Surface Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Suspected to be present
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received
Facility ID: 3122819
warm_bin_n: 4
Prog plan code: 4
Latitude: 47.578389999999999
Longitude: -122.64681
Lat/Long: 47.578389999999999 / -122.64681
Lat/Long (dms): 47 34 42 / 122 38 48
Media ID: 10191
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PEDERSON OIL SITE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103083984

Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Below MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 3122819
warm_bin_n: 4
Prog plan code: 4
Latitude: 47.578389999999999
Longitude: -122.64681
Lat/Long: 47.578389999999999 / -122.64681
Lat/Long (dms): 47 34 42 / 122 38 48
Media ID: 10193
Media Type Desc: Surface Water
Media Status Desc: Confirmed
Affected Media: Surface Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PEDERSON OIL SITE (Continued)

S103083984

Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 3122819
warm_bin_n: 4
Prog plan code: 4
Latitude: 47.578389999999999
Longitude: -122.64681
Lat/Long: 47.578389999999999 / -122.64681
Lat/Long (dms): 47 34 42 / 122 38 48
Media ID: 10192
Media Type Desc: Groundwater
Media Status Desc: Confirmed
Affected Media: Ground Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Below MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Below MTCA cleanup levels
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 3122819
warm_bin_n: 4
Prog plan code: 4
Latitude: 47.578389999999999
Longitude: -122.64681
Lat/Long: 47.578389999999999 / -122.64681
Lat/Long (dms): 47 34 42 / 122 38 48
Media ID: 5593
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PEDERSON OIL SITE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103083984

Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Suspected to be present
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 3122819
warm_bin_n: 4
Prog plan code: 4
Latitude: 47.578389999999999
Longitude: -122.64681
Lat/Long: 47.578389999999999 / -122.64681
Lat/Long (dms): 47 34 42 / 122 38 48
Media ID: 5564
Media Type Desc: Sediment
Media Status Desc: Suspected
Affected Media: Sediments
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Suspected to be present

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PEDERSON OIL SITE (Continued)

EDR ID Number
EPA ID Number

S103083984

Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

11
South
1/8-1/4
793 ft.

AMERICAN MARINE INDUSTRIES
1500 THOMPSON DR
BREMERTON, WA 98337

RCRA-SQG **1000920687**
FINDS **WA0000712398**

Relative:
Higher

RCRAInfo:
Owner: PAUL MCCONKEY
(360) 377-4457
EPA ID: WA0000712398
Contact: PAUL MCCONKEY
(360) 377-4457

Actual:
79 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

12
West
1/8-1/4
1013 ft.

PUMP STATION CW-1
2304 19TH AVE
BREMERTON, WA 98312

LUST
UST

U001128557
N/A

Relative:
Higher

LUST:

Actual:
49 ft.

FS ID: 45283394
Facility ID: 101854
Release ID: 441168
Alternate Name: Bremerton City of WWTP
Release Notification Date: 3/19/1998 00:00:00
Release Status Date: 3/19/1998 00:00:00
Facility Status: Awaiting Cleanup
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.57837 / -122.64764

FS ID: 45283394
Facility ID: 101854
Release ID: 441168
Alternate Name: Bremerton City of WWTP
Release Notification Date: 3/19/1998 00:00:00
Release Status Date: 7/10/2006 00:00:00
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.57837 / -122.64764

FS ID: 45283394
Facility ID: 101854
Release ID: 441168
Alternate Name: Bremerton City of WWTP
Release Notification Date: 3/19/1998 00:00:00
Release Status Date: 7/1/2003 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.57837 / -122.64764

UST:

Facility ID: 45283394
Site ID: 101854
Status: **Closed in Place**
Tank Name: CW-1-DIESEL
Install Date: 1/15/1984 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Diesel
Ecology Region: North Western
Tank ID: 38137
Compartment ID: 38671
Decimal Latitude: 47.57837
Decimal Longitude: -122.64764

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D13
South
1/4-1/2
1822 ft.

COCA COLA PLANT (FORMER)
1600 12TH ST.
BREMERTON, WA 98310

ICR **S103504934**
N/A

Site 1 of 2 in cluster D

Relative:
Higher

ICR:

Actual:
99 ft.

Date Ecology Received Report: 12/07/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-11
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/18/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/25/2002
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-47
County Code: 18.00000
Contact: Not reported
Report Title: Independent Cleanup Report

D14
South
1/4-1/2
1822 ft.

COCA COLA
1600 12TH STREET
BREMERTON, WA 98310

LUST **U000711787**
UST **N/A**

Site 2 of 2 in cluster D

Relative:
Higher

LUST:

Actual:
99 ft.

FS ID: 11979687
Facility ID: 5029
Release ID: 482318
Alternate Name: COCA COLA PLANT FORMER
Release Notification Date: 3/7/1998 00:00:00
Release Status Date: 12/17/1998 00:00:00
Facility Status: Awaiting Cleanup
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.571910000000003 / -122.64041

FS ID: 11979687
Facility ID: 5029

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

COCA COLA (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000711787

Release ID: 482318
Alternate Name: COCA COLA PLANT FORMER
Release Notification Date: 3/7/1998 00:00:00
Release Status Date: 3/26/2002 00:00:00
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.571910000000003 / -122.64041

UST:

Facility ID: 11979687
Site ID: 5029
Status: Closure in Process
Tank Name: 2
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Not reported
Ecology Region: North Western
Tank ID: 8577
Compartment ID: 8724
Decimal Latitude: 47.571910000000003
Decimal Longitude: -122.64041

Facility ID: 11979687
Site ID: 5029
Status: Removed
Tank Name: 1
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 8473
Compartment ID: 8620
Decimal Latitude: 47.571910000000003
Decimal Longitude: -122.64041

E15
East
1/4-1/2
2011 ft.

BREMERTON PUBLIC WORKS
1548 WARREN AVENUE
BREMERTON, WA 98310

LUST U003132490
UST N/A

Relative:
Higher

Site 1 of 2 in cluster E

Actual:
66 ft.

LUST:
FS ID: 3811231
Facility ID: 100433
Release ID: 4125
Alternate Name: BREMERTON CITY ELECTRONICS SHOP
Release Notification Date: 12/29/1992 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Cleanup Started
Affected Media: Ground Water
Site Response Unit Code: NW
Lat/Long: 47.575760000000002 / -122.63281000000001

FS ID: 3811231

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BREMERTON PUBLIC WORKS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003132490

Facility ID: 100433
Release ID: 4125
Alternate Name: BREMERTON CITY ELECTRONICS SHOP
Release Notification Date: 12/29/1992 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.575760000000002 / -122.63281000000001

UST:

Facility ID: 3811231
Site ID: 100433
Status: Removed
Tank Name: 7
Install Date: 12/31/1964 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 2378
Compartment ID: 2423
Decimal Latitude: 47.575760000000002
Decimal Longitude: -122.63281000000001

Facility ID: 3811231
Site ID: 100433
Status: Removed
Tank Name: 8
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 2487
Compartment ID: 2533
Decimal Latitude: 47.575760000000002
Decimal Longitude: -122.63281000000001

E16
East
1/4-1/2
2011 ft.

BREMERTON CITY ELECTRONICS SHOP
1548 WARREN AVE.
BREMERTON, WA 98310

ICR S103505702
N/A

Relative:
Higher

Site 2 of 2 in cluster E

ICR:
Date Ecology Received Report: 03/22/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-50
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Actual:
66 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BREMERTON CITY ELECTRONICS SHOP (Continued)

EDR ID Number
EPA ID Number

S103505702

Date Ecology Received Report: 10/22/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-18
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

17
South
1/4-1/2
2108 ft.

PUGET POWER - HEWITT SUBSTATION
11TH ST. / HEWITT AVE.
BREMERTON, WA 98310

ICR S105454597
N/A

Relative:
Higher

ICR:
Date Ecology Received Report: 11/13/1996
Contaminants Found at Site: PCB's, Petroleum products
Media Contaminated: Soil
Waste Management: Unknown
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 94-40
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Actual:
116 ft.

Date Ecology Received Report: 11/13/1995
Contaminants Found at Site: PCB's
Media Contaminated: Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 94-45
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

18
NW
1/4-1/2
2542 ft.

UNOCAL #0059
25TH / SNYDER ST.
BREMERTON, WA 98312

ICR S105454501
N/A

Relative:
Lower

ICR:
Date Ecology Received Report: 02/24/1993
Contaminants Found at Site: Not reported
Media Contaminated: Not reported
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-46
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Actual:
8 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL #0059 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105454501

Date Ecology Received Report: 03/11/1993
Contaminants Found at Site: Not reported
Media Contaminated: Not reported
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-46
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/31/1993
Contaminants Found at Site: Total petroleum hydrocarbons
Media Contaminated: Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-51
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

19
WSW
1/2-1
3068 ft.

**BREMERTON SCHOOL DIST HADDON
LAFAYETTE AVE & W 15TH ST
BREMERTON, WA 98312**

**CSCSL 1007080344
FINDS 110015570620
BROWNFIELDS**

Relative:
Higher

CSCSL:

Actual:
93 ft.

Facility ID: 2652
warm_bin_n: 5
Prog plan code: Not reported
Latitude: 47.575049999999997
Longitude: -122.65706
Lat/Long: 47.575049999999997 / -122.65706
Lat/Long (dms): 47 34 30 / 122 39 25
Media ID: 4017
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BREMERTON SCHOOL DIST HADDON (Continued)

1007080344

Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup): Not reported

Facility ID: 2652
warm_bin_n: 5
Prog plan code: Not reported
Latitude: 47.575049999999997
Longitude: -122.65706
Lat/Long: 47.575049999999997 / -122.65706
Lat/Long (dms): 47 34 30 / 122 39 25
Media ID: 9908
Media Type Desc: Groundwater
Media Status Desc: Suspected
Affected Media: Ground Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported

Non-Halogenated Solvents: Suspected to be present
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BREMERTON SCHOOL DIST HADDON (Continued)

1007080344

provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

BROWNFIELDS:

Facility ID: 2652
Site Stat Code: 2

Facility ID: 2652
Site Stat Code: 2

**20
ESE
1/2-1
3098 ft.**

**EVERGREEN PARK BREMERTON
14TH ST / SHELDON BLVD
BREMERTON, WA 98310**

**CSCSL S105430794
N/A**

**Relative:
Lower**

CSCSL:

Facility ID: 2645
warm_bin_n: 5
Prog plan code: Not reported
Latitude: 47.573909999999998
Longitude: -122.62999000000001
Lat/Long: 47.573909999999998 / -122.62999000000001
Lat/Long (dms): 47 34 26 / 122 37 47
Media ID: 4001
Media Type Desc: Groundwater
Media Status Desc: Suspected
Affected Media: Ground Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

**Actual:
15 ft.**

Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Suspected to be present
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: S
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EVERGREEN PARK BREMERTON (Continued)

S105430794

Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2645
warm_bin_n: 5
Prog plan code: Not reported
Latitude: 47.573909999999998
Longitude: -122.629990000000001
Lat/Long: 47.573909999999998 / -122.629990000000001
Lat/Long (dms): 47 34 26 / 122 37 47
Media ID: 4002
Media Type Desc: Surface Water
Media Status Desc: Suspected
Affected Media: Surface Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Suspected to be present
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: S
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2645
warm_bin_n: 5
Prog plan code: Not reported
Latitude: 47.573909999999998
Longitude: -122.629990000000001
Lat/Long: 47.573909999999998 / -122.629990000000001
Lat/Long (dms): 47 34 26 / 122 37 47
Media ID: 4003
Media Type Desc: Soil
Media Status Desc: Confirmed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EVERGREEN PARK BREMERTON (Continued)

S105430794

Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: C
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Suspected to be present
Conventional Contaminants, Inorganic: Suspected to be present
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2645
warm_bin_n: 5
Prog plan code: Not reported
Latitude: 47.573909999999998
Longitude: -122.62999000000001
Lat/Long: 47.573909999999998 / -122.62999000000001
Lat/Long (dms): 47 34 26 / 122 37 47
Media ID: 4004
Media Type Desc: Sediment
Media Status Desc: Suspected
Affected Media: Sediments
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Suspected to be present

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EVERGREEN PARK BREMERTON (Continued)

S105430794

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: S
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: S
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

21
South
1/2-1
3443 ft.

NEWMANS CHEVRON
2021 6TH ST
BREMERTON, WA 98310

CSCSL
FINDS
VCP

1007079617
110015563308

Relative:
Higher

Actual:
115 ft.

CSCSL:
Facility ID: 1436359
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.567259999999997
Longitude: -122.6461
Lat/Long: 47.567259999999997 / -122.6461
Lat/Long (dms): 47 34 2 / 122 38 45
Media ID: 7945
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NEWMANS CHEVRON (Continued)

1007079617

Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

VCP:

Facility ID: 1436359
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

22
South
1/2-1
3465 ft.

ALBERTSONS INC
6TH ST / NAVAL AVE
BREMERTON, WA 98312

CSCSL S105430792
N/A

Relative:
Higher

CSCSL:

Actual:
108 ft.

Facility ID: 94828632
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.567053999999999
Longitude: -122.66119399999999
Lat/Long: 47.567053999999999 / -122.66119399999999
Lat/Long (dms): 47 34 1.4000000000000001 / 122 39 40.300000000000004
Media ID: 8551
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALBERTSONS INC (Continued)

EDR ID Number
EPA ID Number

S105430792

Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

23
SSE
1/2-1
3717 ft.

BREMERTON PARK AVE HOUSING REDEVELOPMENT
7TH ST / WARREN AVE
BREMERTON, WA 98337

CSCSL S107747469
VCP N/A

Relative:
Lower

CSCSL:

Actual:
34 ft.

Facility ID: 6440937
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.568638999999997
Longitude: -122.631528
Lat/Long: 47.568638999999997 / -122.631528
Lat/Long (dms): 47 34 7.10039999999083 / 122 37 53.500800000010699
Media ID: 12316
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: S
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Below MTCA cleanup levels
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 6440937

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BREMERTON PARK AVE HOUSING REDEVELOPMENT (Continued)

S107747469

warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.568638999999997
Longitude: -122.631528
Lat/Long: 47.568638999999997 / -122.631528
Lat/Long (dms): 47 34 7.10039999999083 / 122 37 53.500800000010699
Media ID: 12315
Media Type Desc: Groundwater
Media Status Desc: Confirmed
Affected Media: Ground Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: S
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

VCP:

Facility ID: 6440937
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

Facility ID: 6440937
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
F24 ESE 1/2-1 3794 ft. Relative: Lower Actual: 23 ft.	BREM AIR DISPOSAL INCORPORATED 512 SHELDON BOULEVARD BREMERTON, WA 98310 Site 1 of 2 in cluster F CERCLIS: Site ID: 1000714 Federal Facility: Not a Federal Facility NPL Status: Not on the NPL Non NPL Status: Other Cleanup Activity: State-Lead Cleanup CERCLIS Site Contact Name(s): Contact Name: Monica Lindeman Contact Tel: Not reported Contact Title: Site Assessment Manager (SAM) CERCLIS Site Alias Name(s): Alias Name: BREM AIR DISPOSAL Alias Address: Not reported WA Alias Name: OLYMPIC VIEW SANITARY LANDFILL Alias Address: 512 SHELDON BLVD BREMERTON, WA 98310 Alias Name: OLYMPIC SANITARY LANDFILL Alias Address: 512 SHELDON BLVD BREMERTON, WA 98310 Site Description: Removed from archive list due to citizen's petition (1998). CERCLIS Assessment History: Action: DISCOVERY Date Started: Not reported Date Completed: 06/01/1980 Priority Level: Not reported Action: PRELIMINARY ASSESSMENT Date Started: 08/30/1984 Date Completed: 08/31/1984 Priority Level: High Action: SITE INSPECTION Date Started: 09/01/1984 Date Completed: 01/11/1985 Priority Level: High Action: SITE INSPECTION Date Started: 08/25/1988 Date Completed: 08/25/1988 Priority Level: NFRAP (No Further Remedial Action Planned) Action: SITE INSPECTION Date Started: 05/19/1998 Date Completed: 05/19/1998 Priority Level: High	CERCLIS RCRA-SQG CSCSL FINDS BROWNFIELDS ICR	1000302393 WAD042804971

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BREM AIR DISPOSAL INCORPORATED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000302393

RCRAInfo:

Owner: USA WASTE SERVICES INC
(713)512-6208
EPA ID: WAD042804971
Contact: STEVE WALKER
(360)674-3166

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

CSCSL:

Facility ID: 3812
warm_bin_n: 1
Prog plan code: 1
Latitude: 47.572499999999998
Longitude: -122.62772
Lat/Long: 47.572499999999998 / -122.62772
Lat/Long (dms): 47 34 20 / 122 37 39
Media ID: 5039
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action and all activities completed (no monitoring)
Independent Site Status (independent cleanup): Not reported

Facility ID: 3812
warm_bin_n: 1
Prog plan code: 1
Latitude: 47.572499999999998

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BREM AIR DISPOSAL INCORPORATED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000302393

Longitude: -122.62772
Lat/Long: 47.57249999999998 / -122.62772
Lat/Long (dms): 47 34 20 / 122 37 39
Media ID: 5040
Media Type Desc: Sediment
Media Status Desc: Confirmed
Affected Media: Sediments
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action and all activities completed (no monitoring)
Independent Site Status (independent cleanup): Not reported

Facility ID: 3812
warm_bin_n: 1
Prog plan code: 1
Latitude: 47.57249999999998
Longitude: -122.62772
Lat/Long: 47.57249999999998 / -122.62772
Lat/Long (dms): 47 34 20 / 122 37 39
Media ID: 5036
Media Type Desc: Groundwater
Media Status Desc: Confirmed
Affected Media: Ground Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BREM AIR DISPOSAL INCORPORATED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000302393

MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action and all activities completed (no monitoring)
Independent Site Status (independent cleanup): Not reported

Facility ID: 3812
warm_bin_n: 1
Prog plan code: 1
Latitude: 47.572499999999998
Longitude: -122.62772
Lat/Long: 47.572499999999998 / -122.62772
Lat/Long (dms): 47 34 20 / 122 37 39
Media ID: 5037
Media Type Desc: Surface Water
Media Status Desc: Suspected
Affected Media: Surface Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Suspected to be present
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BREM AIR DISPOSAL INCORPORATED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000302393

Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action and all activities completed (no monitoring)
Independent Site Status (independent cleanup): Not reported

Facility ID: 3812
warm_bin_n: 1
Prog plan code: 1
Latitude: 47.572499999999998
Longitude: -122.62772
Lat/Long: 47.572499999999998 / -122.62772
Lat/Long (dms): 47 34 20 / 122 37 39
Media ID: 5038
Media Type Desc: Air
Media Status Desc: Suspected
Affected Media: Air
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action and all activities completed (no monitoring)
Independent Site Status (independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BREM AIR DISPOSAL INCORPORATED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000302393

System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

BROWNFIELDS:

Facility ID: 3812
Site Stat Code: 8

Facility ID: 3812
Site Stat Code: 8

Facility ID: 3812
Site Stat Code: 8

Facility ID: 3812
Site Stat Code: 8

Facility ID: 3812
Site Stat Code: 8

ICR:

Date Ecology Received Report: 12/06/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-42
County Code: 18.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/22/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-30
County Code: 18.00000
Contact: Not reported
Report Title: UST Decommissioning

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F25
ESE
1/2-1
3797 ft.

LOTHUS BULK PLANT
510 SHELDON BLVD
BREMERTON, WA 98310

CSCSL
FINDS
BROWNFIELDS

1007080365
110015570835

Site 2 of 2 in cluster F

Relative:
Lower

CSCSL:

Actual:
23 ft.

Facility ID: 2623
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.57249999999998
Longitude: -122.62779999999999
Lat/Long: 47.57249999999998 / -122.62779999999999
Lat/Long (dms): 47 34 20 / 122 37 40
Media ID: 3933
Media Type Desc: Surface Water
Media Status Desc: Confirmed
Affected Media: Surface Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action Completed, Confirmational Monitoring Underway
Independent Site Status (independent cleanup): Not reported

Facility ID: 2623
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.57249999999998
Longitude: -122.62779999999999
Lat/Long: 47.57249999999998 / -122.62779999999999
Lat/Long (dms): 47 34 20 / 122 37 40
Media ID: 3934
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LOFTHUS BULK PLANT (Continued)

EDR ID Number
EPA ID Number

Database(s)

1007080365

Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action Completed, Confirmational Monitoring Underway
Independent Site Status (independent cleanup): Not reported

Facility ID: 2623
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.572499999999998
Longitude: -122.62779999999999
Lat/Long: 47.572499999999998 / -122.62779999999999
Lat/Long (dms): 47 34 20 / 122 37 40
Media ID: 3935
Media Type Desc: Groundwater
Media Status Desc: Suspected
Affected Media: Ground Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Suspected to be present
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LOFTHUS BULK PLANT (Continued)

1007080365

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action Completed, Confirmational Monitoring Underway
Independent Site Status (independent cleanup): Not reported

Facility ID: 2623
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.57249999999998
Longitude: -122.62779999999999
Lat/Long: 47.57249999999998 / -122.62779999999999
Lat/Long (dms): 47 34 20 / 122 37 40
Media ID: 3936
Media Type Desc: Air
Media Status Desc: Suspected
Affected Media: Air
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Suspected to be present
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported

Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action Completed, Confirmational Monitoring Underway
Independent Site Status (independent cleanup): Not reported

Facility ID: 2623
warm_bin_n: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

LOFTHUS BULK PLANT (Continued)

1007080365

Prog plan code: Not reported
Latitude: 47.57249999999998
Longitude: -122.62779999999999
Lat/Long: 47.57249999999998 / -122.62779999999999
Lat/Long (dms): 47 34 20 / 122 37 40
Media ID: 3937
Media Type Desc: Sediment
Media Status Desc: Suspected
Affected Media: Sediments
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Remedial Action Completed, Confirmational Monitoring Underway
Independent Site Status (independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

BROWNFIELDS:

Facility ID: 2623
Site Stat Code: 6

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LOFTHUS BULK PLANT (Continued)

EDR ID Number
EPA ID Number

Database(s)

1007080365

Facility ID: 2623
Site Stat Code: 6

Facility ID: 2623
Site Stat Code: 6

Facility ID: 2623
Site Stat Code: 6

Facility ID: 2623
Site Stat Code: 6

26
ESE
1/2-1
3985 ft.

CHEVRON TANK FARM PORT WA NAR
1310 HIGHLAND AVE
BREMERTON, WA 98310

RCRA-SQG
CSCSL
FINDS

1000434596
WAD000832642

Relative:
Lower

RCRAInfo:

Owner: WA ECY
EPA ID: WAD000832642

Actual:
18 ft.

Contact: ELAINE ATKINSON
(425) 649-7042

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

CSCSL:

Facility ID: 2618
warm_bin_n: 2
Prog plan code: Not reported
Latitude: 47.57282
Longitude: -122.62591
Lat/Long: 47.57282 / -122.62591
Lat/Long (dms): 47 34 22 / 122 37 33
Media ID: 3913
Media Type Desc: Groundwater
Media Status Desc: Confirmed
Affected Media: Ground Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CHEVRON TANK FARM PORT WA NAR (Continued)

1000434596

Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2618
warm_bin_n: 2
Prog plan code: Not reported
Latitude: 47.57282
Longitude: -122.62591
Lat/Long: 47.57282 / -122.62591
Lat/Long (dms): 47 34 22 / 122 37 33
Media ID: 3914
Media Type Desc: Surface Water
Media Status Desc: Confirmed
Affected Media: Surface Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2618
warm_bin_n: 2
Prog plan code: Not reported
Latitude: 47.57282
Longitude: -122.62591
Lat/Long: 47.57282 / -122.62591

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

CHEVRON TANK FARM PORT WA NAR (Continued)

1000434596

Lat/Long (dms): 47 34 22 / 122 37 33
 Media ID: 3915
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2618
 warm_bin_n: 2
 Prog plan code: Not reported
 Latitude: 47.57282
 Longitude: -122.62591
 Lat/Long: 47.57282 / -122.62591
 Lat/Long (dms): 47 34 22 / 122 37 33
 Media ID: 3916
 Media Type Desc: Sediment
 Media Status Desc: Confirmed
 Affected Media: Sediments
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON TANK FARM PORT WA NAR (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434596

Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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27
WSW
1/2-1
4224 ft.

LAMBERTS RADIATOR SHOP
3338 KITSAP WY
BREMERTON, WA 98312

CSCSL 1007080335
FINDS 110015570531
BROWNFIELDS

Relative:
Higher

CSCSL:

Actual:
107 ft.

Facility ID: 2638
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.571640000000002
Longitude: -122.66091
Lat/Long: 47.571640000000002 / -122.66091
Lat/Long (dms): 47 34 17 / 122 39 39
Media ID: 3982
Media Type Desc: Groundwater
Media Status Desc: Suspected
Affected Media: Ground Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAMBERTS RADIATOR SHOP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1007080335

Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Suspected to be present	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Suspected to be present	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Suspected to be present
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		S
EPA Priority Pollutants - Metals and Cyanide:		Suspected to be present
Metals - Other non-priority pollutant metals:		Suspected to be present
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Suspected to be present
Conventional Contaminants, Organic:		Suspected to be present
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup):		Not reported
Facility ID:	2638	
warm_bin_n:	1	
Prog plan code:	Not reported	
Latitude:	47.571640000000002	
Longitude:	-122.66091	
Lat/Long:	47.571640000000002 / -122.66091	
Lat/Long (dms):	47 34 17 / 122 39 39	
Media ID:	3983	
Media Type Desc:	Surface Water	
Media Status Desc:	Suspected	
Affected Media:	Surface Water	
Affected Media Status:	S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Suspected to be present	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Suspected to be present	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Suspected to be present
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		S

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LAMBERTS RADIATOR SHOP (Continued)

1007080335

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present
Conventional Contaminants, Organic: Suspected to be present
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup): Not reported

Facility ID: 2638
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.571640000000002
Longitude: -122.66091
Lat/Long: 47.571640000000002 / -122.66091
Lat/Long (dms): 47 34 17 / 122 39 39
Media ID: 3984
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Confirmed above MTCA cleanup levels
Reactive Wastes: Not reported
Corrosive Wastes: Suspected to be present
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: C
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic: Confirmed above MTCA cleanup levels
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup): Not reported

Facility ID: 2638
warm_bin_n: 1
Prog plan code: Not reported
Latitude: 47.571640000000002

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAMBERTS RADIATOR SHOP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1007080335

Longitude: -122.66091
Lat/Long: 47.571640000000002 / -122.66091
Lat/Long (dms): 47 34 17 / 122 39 39
Media ID: 3985
Media Type Desc: Sediment
Media Status Desc: Suspected
Affected Media: Sediments
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Suspected to be present
Reactive Wastes: Not reported
Corrosive Wastes: Suspected to be present
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Suspected to be present
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: S
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present
Conventional Contaminants, Organic: Suspected to be present
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

BROWNFIELDS:

Facility ID: 2638
Site Stat Code: 2

Facility ID: 2638
Site Stat Code: 2

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAMBERTS RADIATOR SHOP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1007080335

Facility ID: 2638
Site Stat Code: 2

Facility ID: 2638
Site Stat Code: 2

**28
SSE
1/2-1
4481 ft.**

**CITY HAND LAUNDRY
1002 4TH ST
BREMERTON, WA 98310**

**RCRA-SQG 1000440072
CSCSL WAD980978274
FINDS
DRYCLEANERS
VCP
WA MANIFEST**

**Relative:
Higher**

**Actual:
57 ft.**

RCRAInfo:

Owner: LAND TITLE CO OF KITSAP COUNTY
(360)698-9432
EPA ID: WAD980978274
Contact: GENE KENNEDY
(360)698-9432

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

CSCSL:

Facility ID: 9475242
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.565730000000002
Longitude: -122.63301
Lat/Long: 47.565730000000002 / -122.63301
Lat/Long (dms): 47 33 56.620000000000005 / 122 37 58.829999999999998
Media ID: 8421
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: C
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY HAND LAUNDRY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000440072

Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 9475242
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.565730000000002
Longitude: -122.63301
Lat/Long: 47.565730000000002 / -122.63301
Lat/Long (dms): 47 33 56.620000000000005 / 122 37 58.829999999999998
Media ID: 10427
Media Type Desc: Groundwater
Media Status Desc: Confirmed
Affected Media: Ground Water
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported

Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: C
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 9475242
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.565730000000002
Longitude: -122.63301
Lat/Long: 47.565730000000002 / -122.63301
Lat/Long (dms): 47 33 56.620000000000005 / 122 37 58.829999999999998
Media ID: 8420
Media Type Desc: Groundwater

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY HAND LAUNDRY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000440072

Media Status Desc: Suspected
Affected Media: Ground Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported
Non-Halogenated Solvents: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: S
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 9475242
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.565730000000002
Longitude: -122.63301
Lat/Long: 47.565730000000002 / -122.63301
Lat/Long (dms): 47 33 56.620000000000005 / 122 37 58.829999999999998
Media ID: 10426
Media Type Desc: Soil
Media Status Desc: Confirmed
Affected Media: Soil
Affected Media Status: C
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Responsible Unit: Northwest Region
Arsenic Code: Not reported
MTBE Code: Not reported
UXO Code: Not reported
Dioxin: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY HAND LAUNDRY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000440072

Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	C
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action
Independent Site Status (independent cleanup):	Independent Site Assessment of Interim Remedial Action Report received

FINDS:

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DRYCLEANERS:

FS ID:	9475242
Tax Reg Nbr:	278002866
Business Type:	currently a parking lot
Mail Name:	City Hand Laundry Former
Mail Line1:	1270 McGonagle Rd
Mail Line2:	Not reported
Mail City,St,Zip:	SELAH, WA 98942
Mail Country:	UNITED STATES
Legal Org Name:	Land Title Co of Kitsap County
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported
Legal Person Last Name:	Not reported
Legal Line1:	Neighborhood Christian Center
Legal Line2:	PO Box 427
Legal City,St,Zip:	Bremerton, WA 98337
Legal Country:	UNITED STATES
Legal Phone Nbr:	(360) 377-7292
Legal Effective Date:	1/10/2001
Legal Organization Type:	Private

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CITY HAND LAUNDRY (Continued)

1000440072

Land Org Name: Neighborhood Christian Center
 Land Person First Name: Ron
 Land Person Middle Init: Not reported
 Land Person Last Name: Whitney
 Land Line1: PO Box 427
 Land Line2: Not reported
 Land City,St,Zip: Bremerton, WA 98337
 Land Country: UNITED STATES
 Land Phone Nbr: (360) 377-7292
 Land Organization Type: Private
 Operator Org Name: Neighborhood Christian Center
 Operator Person First Name: Ron
 Operator Person Middle Init: Not reported
 Operator Person Last Name: Whitney
 Operator Line1: PO Box 427
 Operator Line2: Not reported
 Operator City,St,Zip: Bremerton, WA 98337
 Operator Country: UNITED STATES
 Operator Phone Nbr: (360) 377-7292
 Operator Effective Date: 1/10/2001
 Operator Organization Type: Private
 Site Contact First Name: Stuart
 Site Contact Middle Init: Not reported
 Site Contact Last Name: Milbrad
 Site Contact Line1: 1270 McGonagle Rd
 Site Contact Line2: Not reported
 Site Contact City,St,Zip: SELAH, WA 98942
 Site Contact Country: UNITED STATES
 Site Contact Phone Nbr: (509)697-7179
 Site Contact Email: Not reported
 Form Contact First Name: Jeff
 Form Contact Middle Init: Not reported
 Form Contact Last Name: Kaspar
 Form Contact Line1: Farallon Consulting LLC
 Form Contact Line2: 320 3rd Avenue NE
 Form Contact City,St,Zip: Issaquah, WA 98027
 Form Contact Country: UNITED STATES
 Form Contact Phone Nbr: (425) 427-0061
 Form Contact Email: jkaspar@farallonconsulting.com
 Gen Status Cd: LQG
 Monthly Generation: No
 Batch Generation: Yes
 One Time Generation: No
 Transports Own Waste: No
 Transports Others Waste: No
 Recycler Onsite: No
 Transfer Facility: No
 Pbr: No
 Tbg: No
 Mixed Radioactive: No
 Importer: No
 Tsd Facility: No
 Immediate Recycler: No
 Gen Dang Fuel: No
 Gen Market To Burner: No
 Gen Other Marketers: No
 Utility Boiler Burner: No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY HAND LAUNDRY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000440072

Industry Boiler Burner: No
Furnace Burner: No
Smelter Deferral: No
Small Qty Exemption: No
Other Exemption: Not reported
UW Battery Gen: No
UW Thermostats Gen: No
UW Mercury Gen: No
UW Lamps Gen: No
UW Battery Accum: No
UW Thermostats Accum: No
UW Mercury Accum: No
UW Lamps Accum: No
UW Destination Facility: No
Off Spec Utility Boiler: No
Off Spec Industry Boiler: No
Off Spec Furnace: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Rerefiner: No
Used Oil Fuel Marketer Directs Shipments: No
Used Oil Fuel Marketer Meets Specs: No
Form Comments: F002 D039
Fed Waste Code Desc: Waste soil generated by drilling of resource protection wells during remedial investigation of PCE releases from former dry cleaner/laundry operations. Wastewater generated during decontamination of drilling equipment development and sampling of resource protection wells. Waste disposed of in accordance with Ecology letter entitled Disposal of Soils Contaminated with F002-Listed Dangerous Waste Constituents prepared by Mr. Dean Yasuda and dated June 28 2005. Envirotech Systems Inc. of Lynwood WA was subcontracted to process permits and remove all drummed waste soil and water in accordance with the aforementioned letter from Ecology.
State Waste Code Desc: Not reported

VCP:

Facility ID: 9475242
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

Facility ID: 9475242
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

Facility ID: 9475242
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

Facility ID: 9475242
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CITY HAND LAUNDRY (Continued)

1000440072

NFA Code: Not reported
Program Plan: 4

WA MANIFEST:

Facility Site ID Number: 9475242
Permit by Rule: No
Treatment by Generator: No
Mixed radioactive waste: No
Importer of hazardous waste: No
Immediate recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of dangerous fuel waste: No
Generator marketing to burner: No
"Other marketers (i.e., blender, distributor, etc.)": No
Utility boiler burner: No
Industry boiler burner: No
Industrial Furnace: No
Smelter deferral: No
Universal waste - batteries - generate: No
Universal waste - thermostats - generate: No
Universal waste - mercury - generate: No
Universal waste - lamps - generate: No
Universal waste - batteries - accumulate: No
Universal waste - thermostats - accumulate: No
Universal waste - mercury - accumulate: No
Universal waste - lamps - accumulate: No
Destination Facility for Universal Waste: No
Off-specification used oil burner - utility boiler: No
Off-specification used oil burner - industrial boiler: No
Off-specification used oil burner - industrial furnace: No
EPA ID: WAD980978274
Facility Address 2: Not reported
TAX REG NBR: 278002866
NAICS CD: 81232
BUSINESS TYPE: currently a parking lot
MAIL NAME: City Hand Laundry Former
MAIL ADDR LINE1: 1270 McGonagle Rd
MAIL CITY,ST,ZIP: SELAH, WA 98942
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Land Title Co of Kitsap County
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: Neighborhood Christian Center
LEGAL ADDR LINE2: PO Box 427
LEGAL CITY,ST,ZIP: Bremerton, WA 98337
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (360) 377-7292
LEGAL EFFECTIVE DATE: 1/10/2001
LAND ORG NAME: Neighborhood Christian Center
LAND ORG TYPE: Private
LAND PERSON NAME: Ron Whitney
LAND ADDR LINE1: PO Box 427
LAND CITY,ST,ZIP: Bremerton, WA 98337
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: (360) 377-7292
OPERATOR ORG NAME: Neighborhood Christian Center
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: PO Box 427

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY HAND LAUNDRY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000440072

OPERATOR CITY,ST,ZIP: Bremerton, WA 98337
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: (360) 377-7292
OPERATOR EFFECTIVE DATE: 1/10/2001
SITE CONTACT NAME: Stuart Milbrad
SITE CONTACT ADDR LINE1: 1270 McGonagle Rd
SITE CONTACT ZIP: SELAH, WA 98942
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: (509)697-7179
SITE CONTACT EMAIL: Not reported
FORM CONTACT NAME: Jeff Kaspar
FORM CONTACT ADDR LINE1: Farallon Consulting LLC
FORM CONTACT ADDR LINE2: 320 3rd Avenue NE
FORM CONTACT CITY,ST,ZIP: Issaquah, WA 98027
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: (425) 427-0061
FORM CONTACT EMAIL: jkaspar@farallonconsulting.com
GEN STATUS CD: LQG
MONTHLY GENERATION: No
BATCH GENERATION: Yes
ONE TIME GENERATION: No
TRANSPORTS OWN WASTE: No
TRANSPORTS OTHRS WASTE: No
RECYCLER ONSITE: No
TRANSFER FACILITY: No
OTHER EXEMPTION: Not reported
UW BATTERY GEN: No
USED OIL TRANSPORTER: No
USED OIL TRANSFER FACLTY: No
USED OIL PROCESSOR: No
USED OIL REREFINER: No
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No
USED OIL FUEL MRKTR MEETS SPECS: No

29
SE
1/2-1
4771 ft.

PARK AVENUE CLEANERS
421 PARK AVE
BREMERTON, WA 98337

CSCSL S104918077
N/A

Relative:
Lower

CSCSL:

Actual:
22 ft.

Facility ID: 28884893
warm_bin_n: Not reported
Prog plan code: 4
Latitude: 47.566460999999997
Longitude: -122.630227
Lat/Long: 47.566460999999997 / -122.630227
Lat/Long (dms): 47 33 59.259999999999998 / 122 37 48.82
Media ID: 7504
Media Type Desc: Groundwater
Media Status Desc: Suspected
Affected Media: Ground Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Reactive Wastes: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PARK AVENUE CLEANERS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104918077

Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		S
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Independent Remedial Action
Independent Site Status (independent cleanup):		Final Independent Remedial Action Report received
Facility ID:	28884893	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.566460999999997	
Longitude:	-122.630227	
Lat/Long:	47.566460999999997 / -122.630227	
Lat/Long (dms):	47 33 59.259999999999998 / 122 37 48.82	
Media ID:	7505	
Media Type Desc:	Soil	
Media Status Desc:	Confirmed	
Affected Media:	Soil	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		C
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARK AVENUE CLEANERS (Continued)

S104918077

Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BREMERTON	S107154292	BREMERTON WASTEWATER	*		SPILLS
BREMERTON	S107154386	CITY OF BREMERTON	***		SPILLS
BREMERTON	S105788504	US NAVY - PSNS BREMERTON	***		SPILLS
BREMERTON	1007071096	GORST GAS MART	4121 HWY 16 W	98312	FINDS, VCP
BREMERTON	1007076156	HANDY ANDYS 6364	4814 HWY 303 NE	98310	FINDS, VCP
BREMERTON	S103505860	CEDAR GROVE GROCERY #614	9218 SR 303 NE	98310	ICR
BREMERTON	S104485430	TIME OIL #01 364	4814 HWY 303 NE	98310	ICR
BREMERTON	S104486503	EXXON #7 2483	4805 HWY 303	98310	ICR
BREMERTON	1007069269	LONGWELL RESIDENCE	8001 SR 303 NE	98337	FINDS, VCP
BREMERTON	S105992432	CITY OF BREMERTON	BETWEEN DYES INLET / SINCLAIR INLET		SPILLS
BREMERTON	1000160362	US NAVY HOSPITAL BREMERTON 1 BOONE RD	BOONE RD CODE 014	98312	PADS, FINDS, RCRA-LQG, WA MANIFEST ERNS
BREMERTON	99633115	BREMERTON MARINA NEXT TO STATE FERRY DOCK WASHINGTON & 1ST	BREMERTON MARINA NEXT TO STATE FERRY DOCK WASHINGTON & 1ST		ERNS
BREMERTON	99624948	BREMERTON FERRY TERMINAL	BREMERTON FERRY TERMINAL		ERNS
BREMERTON	2002625095	BREMERTON FAIRY LANDING	BREMERTON FAIRY LANDING		ERNS
BREMERTON	S103508004	KITSAP COUNTY ROAD SHOP - CENTRAL YARD	1971 SE CEDAR HWY NW	98312	ICR
BREMERTON	1008197083	PIDDUCK PROPERTY	CHARLESTON BEACH RD	98312	CSCSL, FINDS
BREMERTON	S106967195	BREMERTON WATERFRONT NORTH PARCEL 1	NE CORNER BURWELL ST / WASHINGTON AVE	98337	CSCSL NFA
BREMERTON	1008926933	BREMERTON WATERFRONT NORTH PARCEL 1	NE CORNER BURWELL ST & WASHINGTON AVE	98337	FINDS, VCP
BREMERTON	S107154387	CITY OF BREMERTON	FROM THE BREMERTON PUMP STATION		SPILLS
BREMERTON	S104918068	FUDS PSN AMMO DEPOT	600 HEIRDAHL RD	98310	CSCSL
BREMERTON	1001490722	BAYVIEW SUBARU	3888 W HWY 16	98312	RCRA-SQG, FINDS
BREMERTON	S103508644	PORT OF BREMERTON BLDG. 2	5650 IMPERIAL WAY	98310	ICR
BREMERTON	8721972	LOW INCOME AREA	LOW INCOME AREA		ERNS
BREMERTON	S108108339	AT BEST APPLIANCE	405 NATIONAL AVE	98312	SWF/LF
BREMERTON	S103851016	PUGET POWER SUBSTATION	E. OF SOLID LANE W., S. OF US NAVAL RR	98312	ICR
BREMERTON	S105152459	US NAVY JACKSON PARK OU 3	E OF ROOT RD	98312	CSCSL
BREMERTON	1004793229	BREMERTON CITY PWO EQUIPMENT SVCS DIV	100 OYSTER BAY AVE	98312	RCRA-SQG, FINDS
BREMERTON	1007062378	VIP LANDFILL	OYSTER BAY AVE	98312	CSCSL, FINDS, BROWNFIELDS
BREMERTON	S105465222	US NAVY - PSNS / NAVAL STATION BREMERTON	PIER B		SPILLS
BREMERTON	S100079950	US NAVY JACKSON PARK OU 1	ROOT RD	98312	CSCSL
BREMERTON	S103502769	WYMER PROPERTY	SEABECK HWY NW	98312	ICR
BREMERTON	1007072871	HEAD OF BAY	3050 W SR 16	98337	CSCSL, FINDS, BROWNFIELDS
BREMERTON	90179908	1ST STREET DOCK IN BREMERTON	1ST STREET DOCK IN BREMERTON		ERNS
BREMERTON	S107480614	CITY OF BREMERTON	UNK		SPILLS
BREMERTON	S100836170	US NAVY JACKSON PARK	UNNAMED RD E OF ROOT RD	98312	CSCSL, INST CONTROL
BREMERTON	S106967135	US NAVY JACKSON PARK OU 2	UNNAMED RD E OF ROOT RD	98312	CSCSL
BREMERTON	S108108293	WEST SOUND RECYCLING	WAL MART PARKING LOT STATE HWY 303	98310	SWF/LF
BREMERTON	1007070533	SKIRVING DUMP	WERNER RD SW	98312	CSCSL, FINDS, BROWNFIELDS
BREMERTON	1000394520	WA DOT BREMERTON WILKERSON RD	WILKERSON RD END OF	98312	RCRA-SQG, FINDS
BREMERTON	S105454599	PUGET POWER - WYCKOFF SUBSTATION	N. WYCKOFF AVE. BETWEEN 13TH / 15TH STREETS	98312	ICR
BREMERTON	S107672533	CITY OF BREMERTON	NORTH WYCOFF AVE.		SPILLS

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GORST	S107565903	ABANDONED ROCK QUARRY	2800 SR 3	98337	CSCSL
GORST	S107565940	FORMER PORT ORCHARD SAND & GRAVEL	3140 W HWY 16	98337	CSCSL
GORST	1007062093	PIONEER LANDFILL	SW OF BARTOLETZ RD W & HWY 3	98337	CSCSL, FINDS, VCP
GORST	S107566006	SADTLER PROPERTY	3282 W ST HWY 16	98337	CSCSL, VCP
GORST	1008918876	POPE LUMBER MILL FORMER	STATE HIGHWAY 3	98312	FINDS, VCP
GORST	S106967152	POPE LUMBER MILL FORMER	STATE HWY 3	98337	CSCSL
PORT ORCHARD	1006371526	GORST CREEK-BREMERTON AUTO WRECKING LANDFILL	4275 STATE ROUTE 3 SW	98337	CERCLIS, FINDS
WILDCAT LAKE	1007080388	US NAVY CAMP WESELY HARRIS	WILDCAT LAKE	98312	CSCSL, FINDS, BROWNFIELDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991

Date Data Arrived at EDR: 02/02/1994

Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267

Last EDR Contact: 11/17/2006

Next Scheduled EDR Contact: 02/19/2007

Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/28/2006

Date Data Arrived at EDR: 12/19/2006

Date Made Active in Reports: 01/29/2007

Number of Days to Update: 41

Source: EPA

Telephone: 703-603-8960

Last EDR Contact: 12/19/2006

Next Scheduled EDR Contact: 03/19/2007

Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/10/2006

Date Data Arrived at EDR: 10/25/2006

Date Made Active in Reports: 11/22/2006

Number of Days to Update: 28

Source: EPA

Telephone: 703-603-8960

Last EDR Contact: 12/18/2006

Next Scheduled EDR Contact: 03/19/2007

Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/27/2006

Date Data Arrived at EDR: 10/11/2006

Date Made Active in Reports: 12/13/2006

Number of Days to Update: 63

Source: EPA

Telephone: 800-424-9346

Last EDR Contact: 12/04/2006

Next Scheduled EDR Contact: 03/05/2007

Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 01/10/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 01/24/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/01/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/2006	Telephone: 202-366-4555
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/17/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/20/2006	Telephone: 202-566-2777
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 02/06/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/07/2006	Source: EPA
Date Data Arrived at EDR: 10/13/2006	Telephone: 703-416-0223
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/22/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/11/2006
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 11/03/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/03/2006	Telephone: 202-343-9775
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/09/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/2006
Date Data Arrived at EDR: 12/28/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/28/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/11/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 56

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/08/2007
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 08/23/2006
Date Data Arrived at EDR: 09/22/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 12/06/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Semi-Annually

CSCSL NFA: Confirmed & Contaminated Sites - No Further Action

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/12/2006
Date Data Arrived at EDR: 10/13/2006
Date Made Active in Reports: 10/31/2006
Number of Days to Update: 18

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 01/16/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Annually

SWTIRE: Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 01/05/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/13/2006	Source: Department of Ecology
Date Data Arrived at EDR: 12/14/2006	Telephone: 360-407-7183
Date Made Active in Reports: 01/17/2007	Last EDR Contact: 12/14/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Quarterly

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/13/2006	Source: Department of Ecology
Date Data Arrived at EDR: 12/14/2006	Telephone: 360-407-7183
Date Made Active in Reports: 01/17/2007	Last EDR Contact: 12/14/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 09/06/2006	Source: Department of Ecology
Date Data Arrived at EDR: 09/08/2006	Telephone: 360-407-7562
Date Made Active in Reports: 10/12/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: Varies

MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 06/12/2006	Source: Department of Ecology
Date Data Arrived at EDR: 11/27/2006	Telephone: N/A
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/13/2006
Number of Days to Update: 45	Next Scheduled EDR Contact: 02/12/2007
	Data Release Frequency: Annually

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 10/30/2006	Source: Department of Ecology
Date Data Arrived at EDR: 10/30/2006	Telephone: 360-407-6950
Date Made Active in Reports: 11/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Semi-Annually

INST CONTROL: Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 12/04/2006	Source: Department of Ecology
Date Data Arrived at EDR: 12/06/2006	Telephone: 360-407-7170
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/04/2006
Number of Days to Update: 36	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

ICR: Independent Cleanup Reports

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 06/12/2006
Date Data Arrived at EDR: 11/27/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 09/07/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 34

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 12/08/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Varies

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Washington Emissions Data System

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 01/15/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Annually

INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 06/12/2006
Date Data Arrived at EDR: 11/27/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 02/08/2007
Next Scheduled EDR Contact: 05/07/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/30/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/21/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3372
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6137
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/12/2007
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006
Date Data Arrived at EDR: 12/19/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 41

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

KITSAP COUNTY:

Water Wells in Kitsap County

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Date of Government Version: 08/07/2006
Date Data Arrived at EDR: 11/13/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 17

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 01/18/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Semi-Annually

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/05/2007
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 02/06/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing

Source: Department of Social & Health Services

Telephone: 253-383-1735

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OLD BREMERTON GASWORKS AREA
1725 PENNSYLVANIA AVENUE
BREMERTON, WA 98337

TARGET PROPERTY COORDINATES

Latitude (North):	47.57760 - 47° 34' 39.4"
Longitude (West):	122.6423 - 122° 38' 32.3"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	526900.7
UTM Y (Meters):	5269197.0
Elevation:	46 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	47122-E6 BREMERTON WEST, WA
Most Recent Revision:	1981
East Map:	47122-E5 BREMERTON EAST, WA
Most Recent Revision:	1981

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

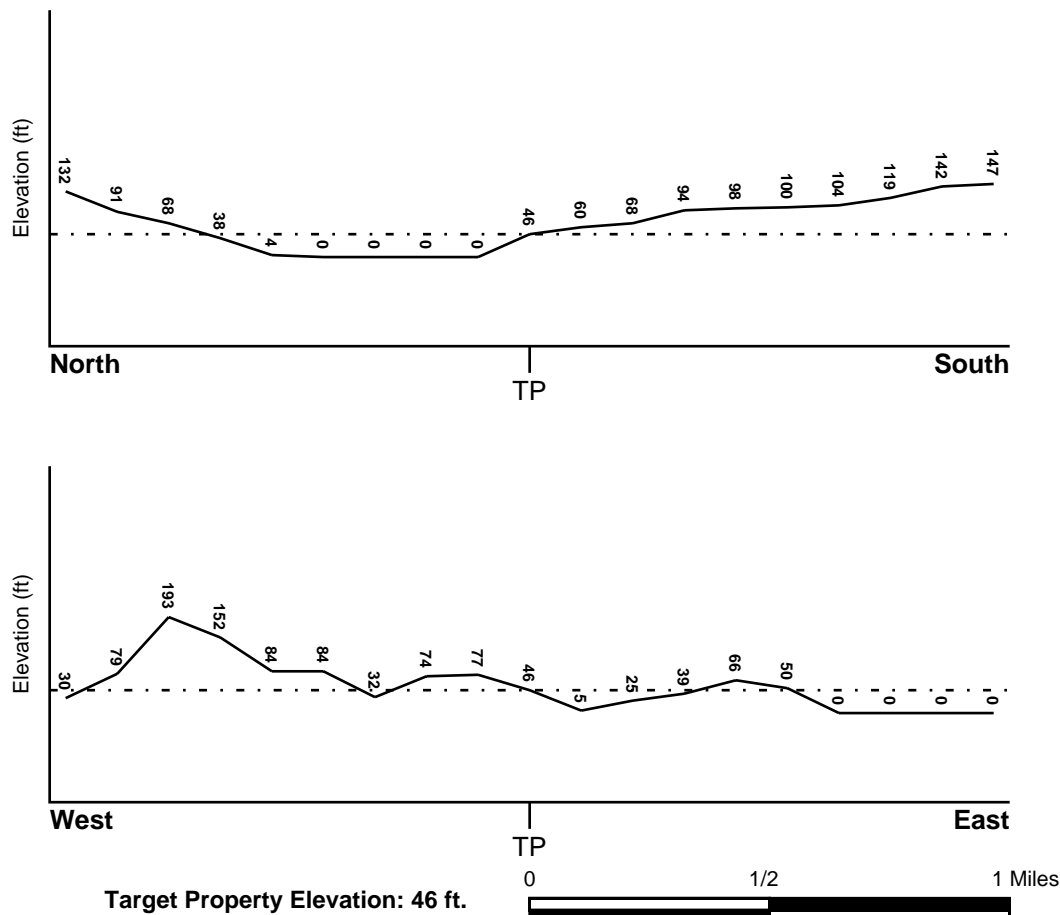
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
KITSAP, WA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 5300930015A

Additional Panels in search area: 5300920305B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
BREMERTON WEST

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

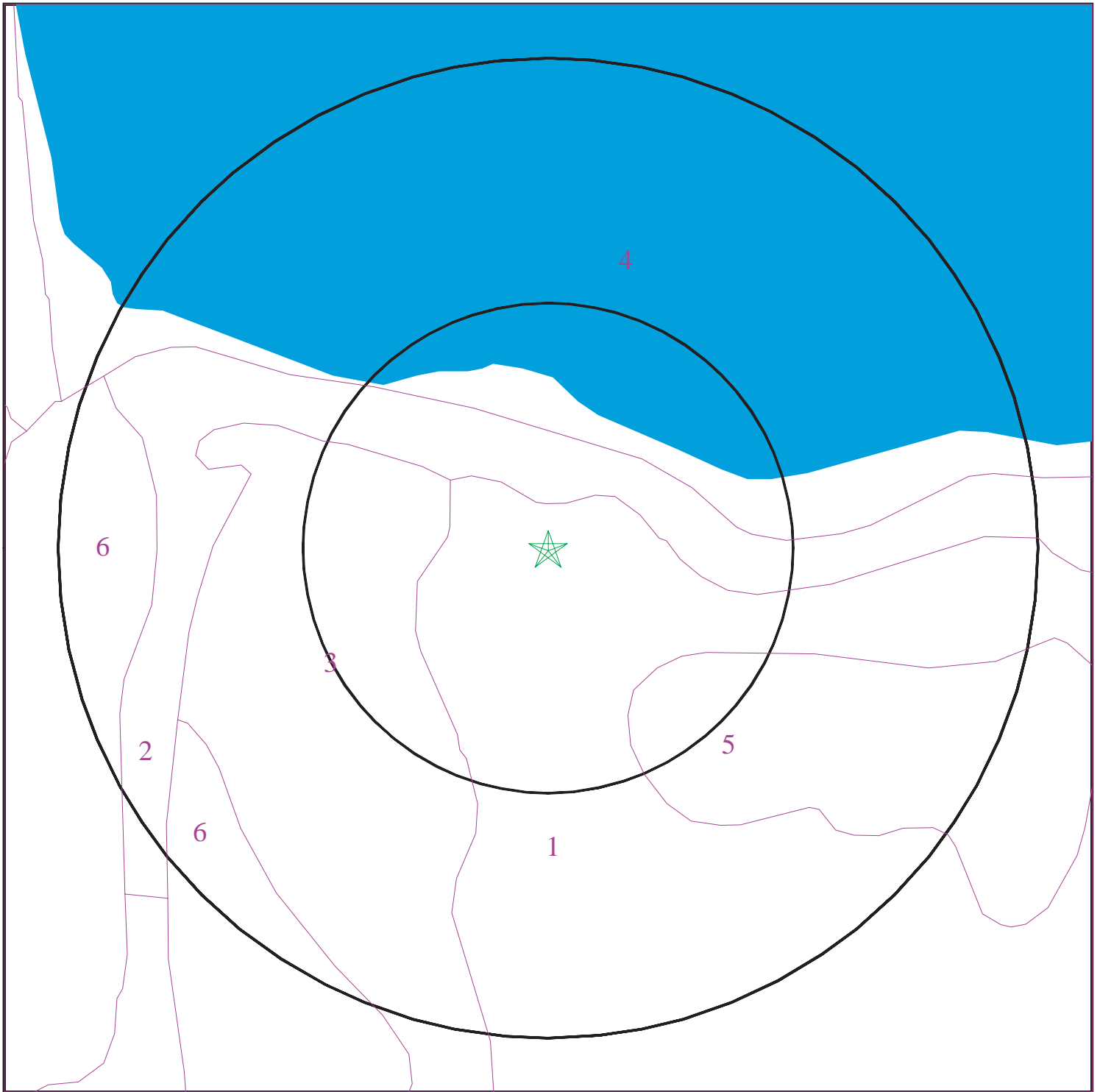
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 1854603.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water

0 1/16 1/8 1/4 Miles



SITE NAME: Old Bremerton Gasworks Area
ADDRESS: 1725 Pennsylvania Avenue
Bremerton WA 98337
LAT/LONG: 47.5776 / 122.6423

CLIENT: Hart Crowser, Inc.
CONTACT: Sonia Fernandez
INQUIRY #: 1854603.2s
DATE: February 12, 2007 10:07 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: ALDERWOOD

Soil Surface Texture: very gravelly - sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	1 inches	very gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.00 Min: 5.60
2	1 inches	22 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.00 Min: 5.60
3	22 inches	60 inches	cemented	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: DYSTRIC XERORTHENTS

Soil Surface Texture: very gravelly - sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	10 inches	very gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.10
2	10 inches	60 inches	very gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.10

Soil Map ID: 3

Soil Component Name: ALDERWOOD

Soil Surface Texture: very gravelly - sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	very gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.00 Min: 5.60
2	1 inches	22 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.00 Min: 5.60
3	22 inches	60 inches	cemented	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

Soil Map ID: 4

Soil Component Name: WATER

Soil Surface Texture: Not reported

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: NEILTON

Soil Surface Texture: gravelly - loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	4 inches	gravelly - loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 5.50 Min: 5.10
2	4 inches	19 inches	very gravelly - loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 20.00 Min: 20.00	Max: 5.50 Min: 5.10
3	19 inches	60 inches	very gravelly - sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 20.00 Min: 20.00	Max: 6.00 Min: 5.60

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 6

Soil Component Name: ALDERWOOD

Soil Surface Texture: very gravelly - sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	very gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.00 Min: 5.60
2	1 inches	22 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.00 Min: 5.60
3	22 inches	60 inches	cemented	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3277323	1/4 - 1/2 Mile SSW
2	USGS3277474	1/2 - 1 Mile North
3	USGS3277423	1/2 - 1 Mile ENE
4	USGS3277508	1/2 - 1 Mile NNW
5	USGS3277447	1/2 - 1 Mile WNW
7	USGS3277388	1/2 - 1 Mile East
8	USGS3277507	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

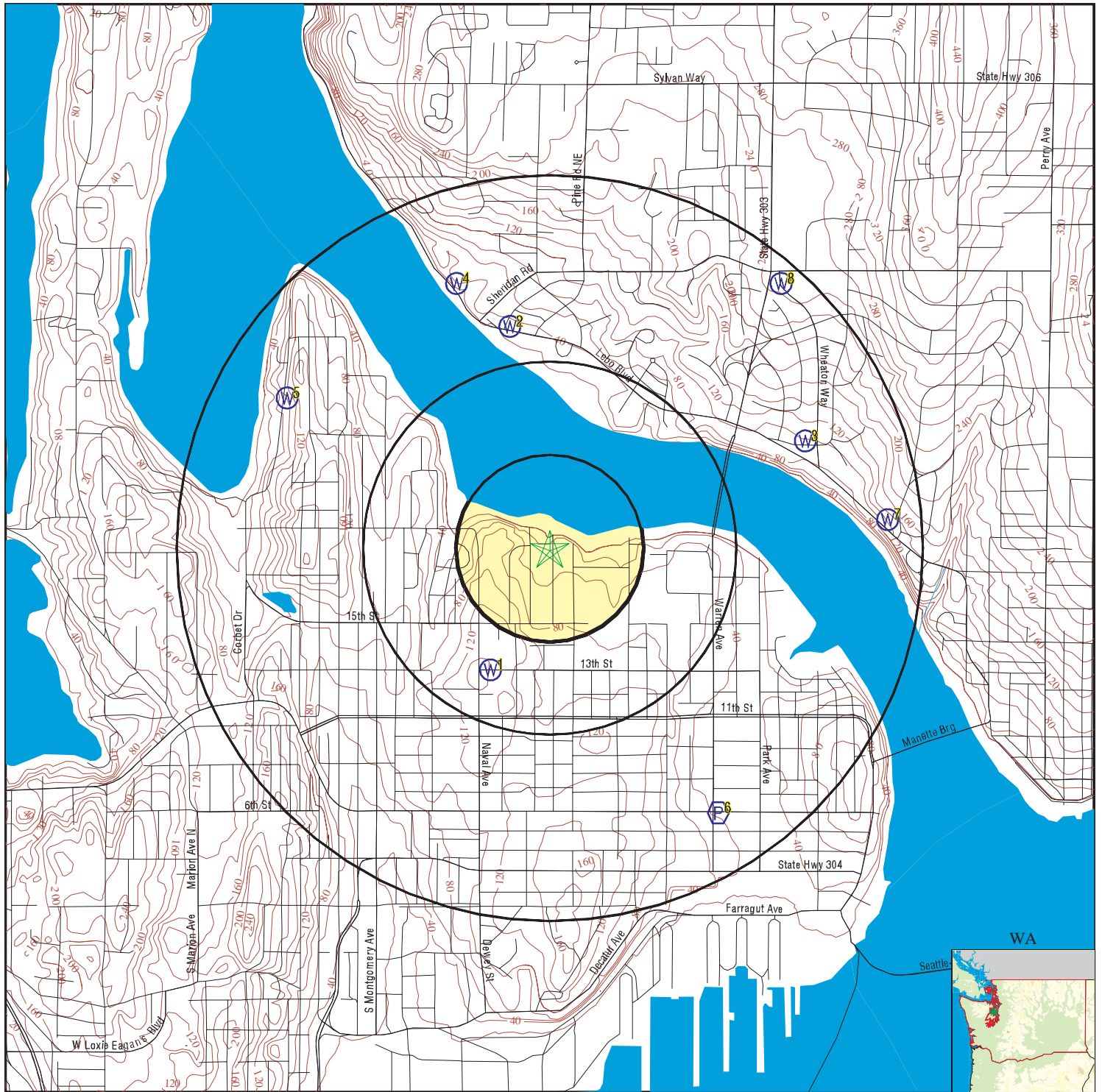
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
6	WA5302786	1/2 - 1 Mile SSE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1854603.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

SITE NAME: Old Bremerton Gasworks Area
 ADDRESS: 1725 Pennsylvania Avenue
 Bremerton WA 98337
 LAT/LONG: 47.5776 / 122.6423

CLIENT: Hart Crowser, Inc.
 CONTACT: Sonia Fernandez
 INQUIRY #: 1854603.2s
 DATE: February 12, 2007 10:07 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

SSW
1/4 - 1/2 Mile
Higher

FED USGS USGS3277323

Agency cd:	USGS	Site no:	473423122384001
Site name:	24N/01E-14F01		
Latitude:	473423		
Longitude:	1223840	Dec lat:	47.57287293
Dec lon:	-122.64569571	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	035
Country:	US	Land net:	SE NW S14 T24N R01E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	135		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19320101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	135	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1932-01-01	Ground water data end date:	1932-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
------	-----------------------	---------------------

1932-01-01 127

2

North
1/2 - 1 Mile
Lower

FED USGS USGS3277474

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	473511122383601
Site name:	24N/01E-11F01		
Latitude:	473511		
Longitude:	1223836	Dec lat:	47.58620624
Dec lon:	-122.64458519	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	035
Country:	US	Land net:	SE NW S11 T24N R01E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	40		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19130101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
ENE
1/2 - 1 Mile
Higher

FED USGS USGS3277423

Agency cd:	USGS	Site no:	473455122373501
Site name:	24N/01E-12M01		
Latitude:	473455		
Longitude:	1223735	Dec lat:	47.58176209
Dec lon:	-122.62763946	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	035
Country:	US	Land net:	NW SW S12 T24N R01E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	100		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19210101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	11	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

4
NNW
1/2 - 1 Mile
Lower

FED USGS USGS3277508

Agency cd:	USGS	Site no:	473517122384701
Site name:	24N/01E-11E01		
Latitude:	473517	Dec lat:	47.58787285
Longitude:	1223847	Coor meth:	M
Dec lon:	-122.64764102	Latlong datum:	NAD27
Coor accr:	T	District:	53
Dec latlong datum:	NAD83	County:	035
State:	53	Land net:	SW NW S11 T24N R01E W
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	60		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19310101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	292	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

5

WNW
1/2 - 1 Mile
Higher

FED USGS USGS3277447

Agency cd:	USGS	Site no:	473501122392201
Site name:	24N/01E-10K01		
Latitude:	473501		
Longitude:	1223922	Dec lat:	47.58342826
Dec lon:	-122.65736364	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	035
Country:	US	Land net:	NW SE S10 T24N R01E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	90		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	20		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19390101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	49	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1940-04-01	Ground water data end date:	1940-04-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1940-04-01	34	

6

SSE
1/2 - 1 Mile
Lower

FRDS PWS WA5302786

PWS ID:	WA5302786	PWS Status:	Active
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	BELWOOD LP#1 BREMERTON, WA 98312		
Addressee / Facility:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude:	47 34 03	Facility Longitude:	122 37 53
City Served:	Not Reported		
Treatment Class:	Treated	Population:	00000250
PWS currently has or had major violation(s) or enforcement:		No	

7

East
1/2 - 1 Mile
Higher

FED USGS USGS3277388

Agency cd:	USGS	Site no:	473444122371801
Site name:	24N/01E-12P01		
Latitude:	473444		
Longitude:	1223718	Dec lat:	47.57870662
Dec lon:	-122.62291681	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	035
Country:	US	Land net:	SE SW S12 T24N R01E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	103		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19400101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	45	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

8

NE
1/2 - 1 Mile
Higher

FED USGS USGS3277507

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	473517122374001
Site name:	24N/01E-12E01		
Latitude:	473517		
Longitude:	1223740	Dec lat:	47.58787316
Dec lon:	-122.62902872	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	035
Country:	US	Land net:	SW NW S12 T24N R01E W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	246		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Puget Sound. Washington. Area = 2550 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19380101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	51	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1940-04-01	Ground water data end date:	1940-04-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1940-04-01 40

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KITSAP County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KITSAP COUNTY, WA

Number of sites tested: 21

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.143 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
Basement	0.647 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Wells

Source: Department of Health

Telephone: 360-236-3148

Group A and B well locations.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

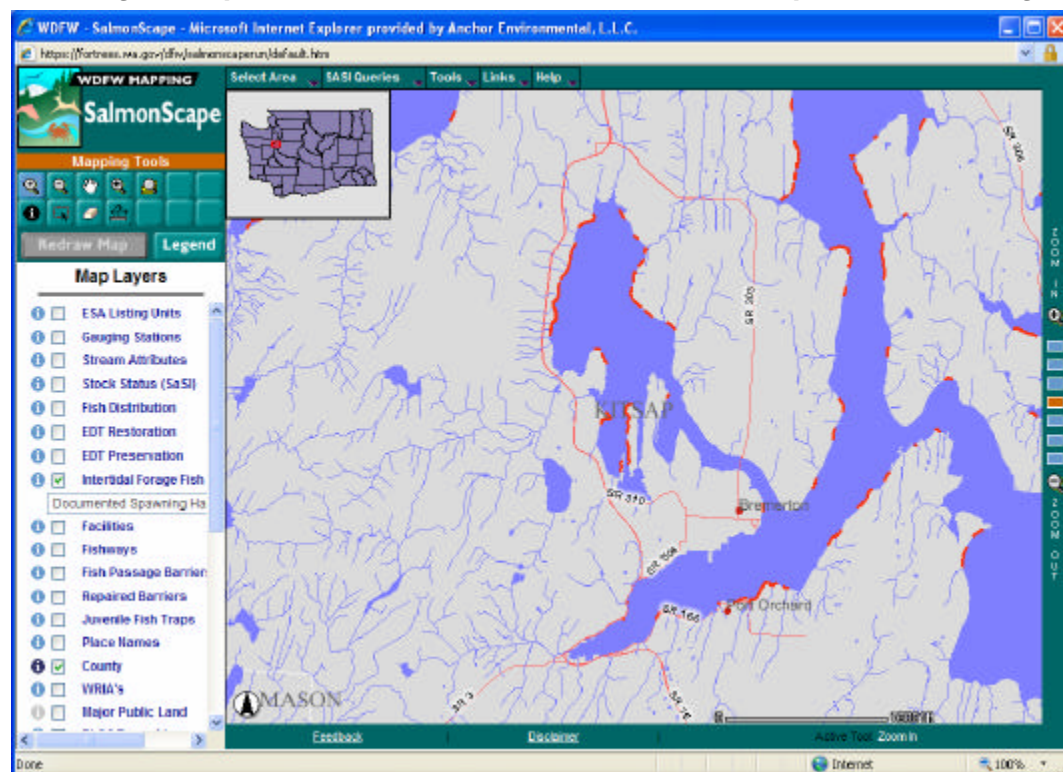
PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

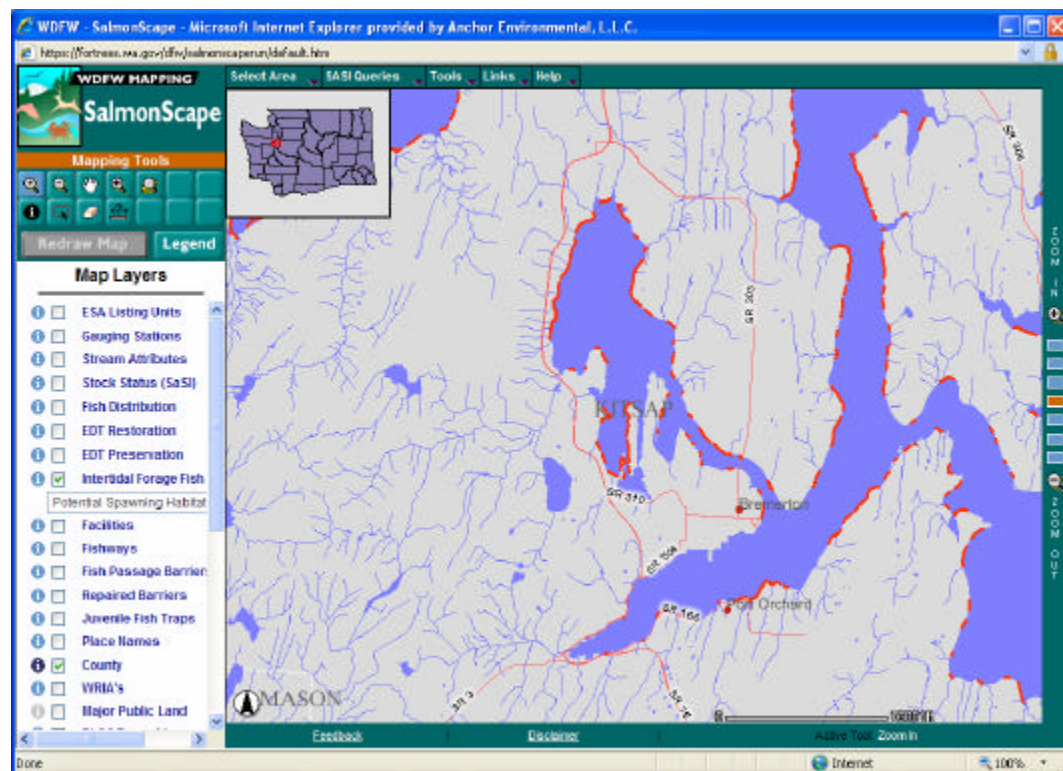
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APPENDIX F
EXISTING AVAILABLE HABITAT DATA AND HISTORICAL MAPS
ANCHOR ENVIRONMENTAL

Washington Department of Fish and Wildlife SalmonScape Data for Forage Fish

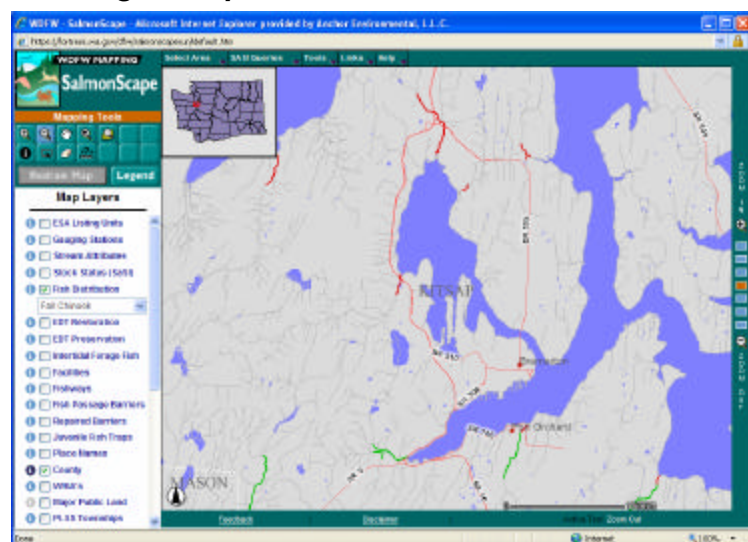


Map 1. Documented Spawning Habitat for Forage Fish

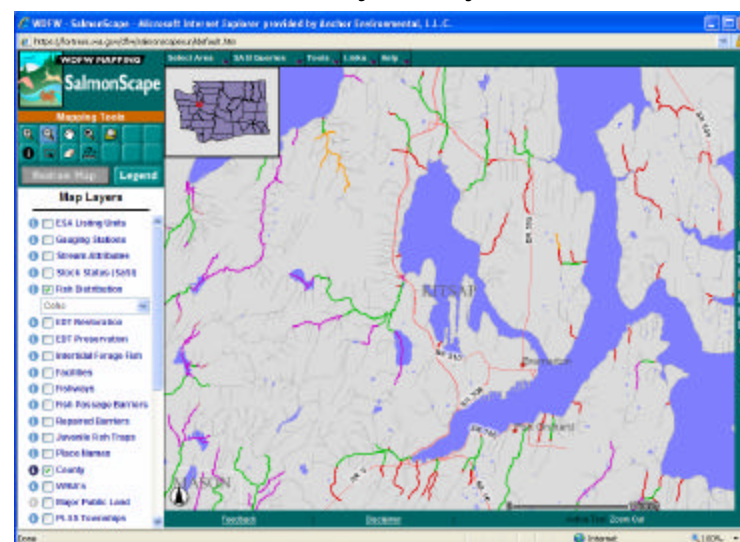


Map 2. Potential Spawning Habitat for Forage Fish

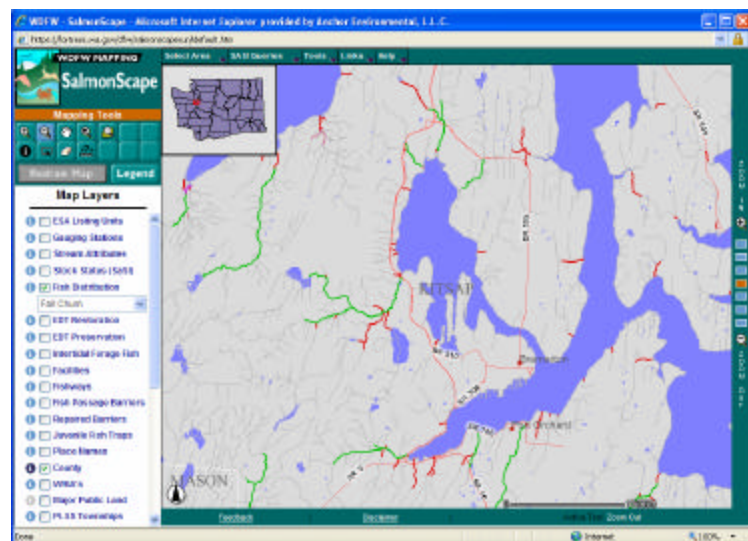
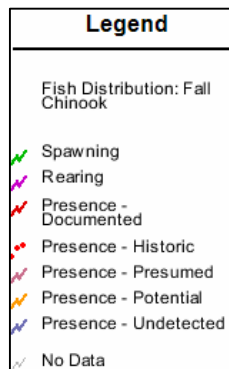
Washington Department of Fish and Wildlife SalmonScape Data for Salmon Distributions in Vicinity of Project Site



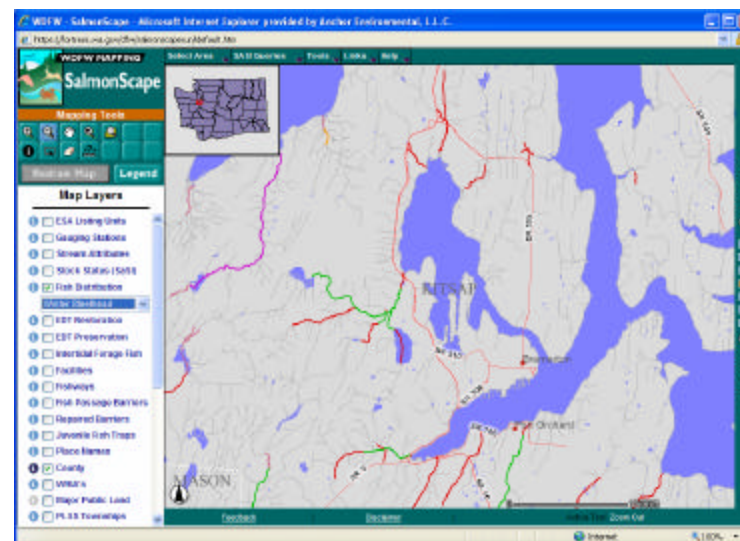
Map 3. Fall Chinook Freshwater Distributions



Map 4. Coho Freshwater Distributions

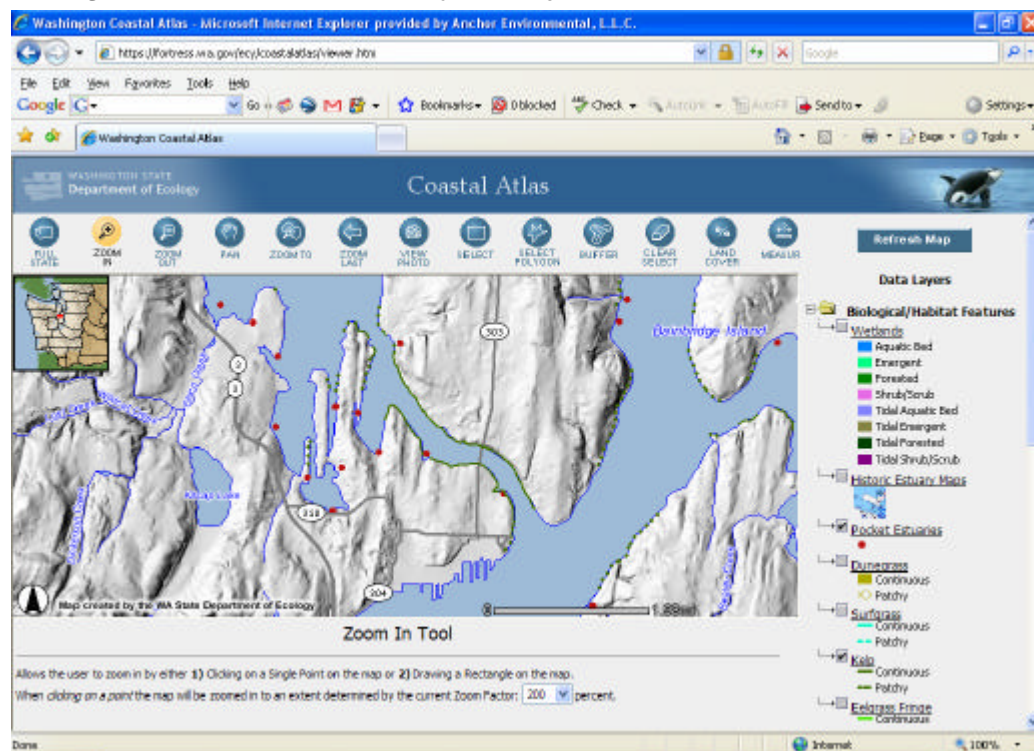


Map 5. Fall Chum Freshwater Distributions

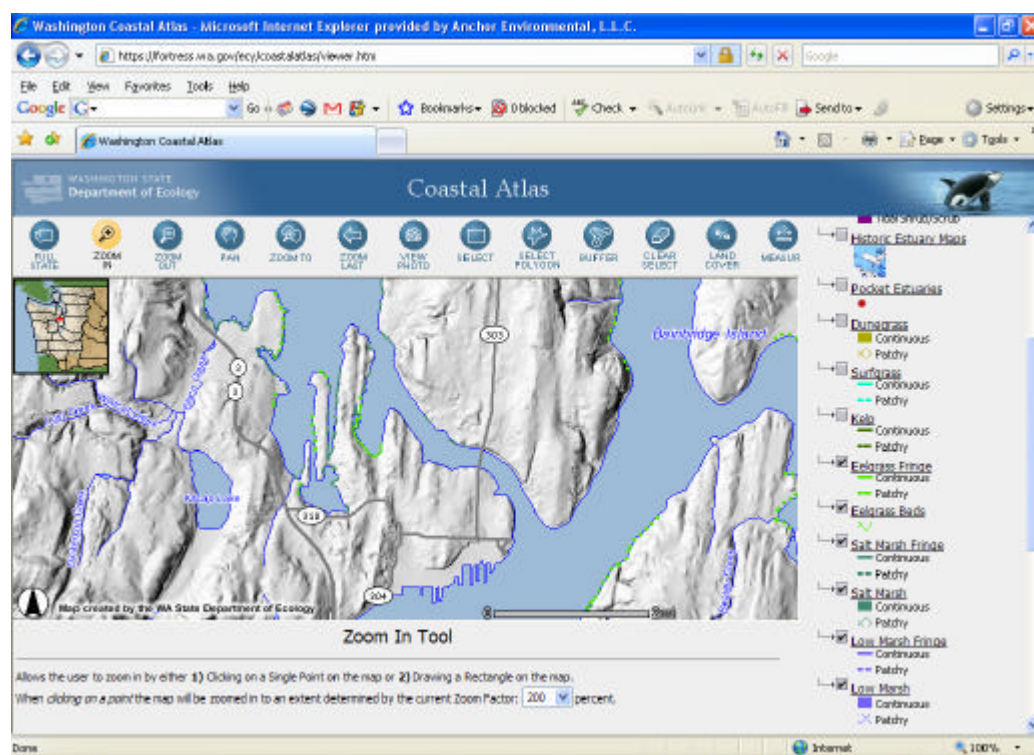


Map 6. Winter Steelhead Freshwater Distributions

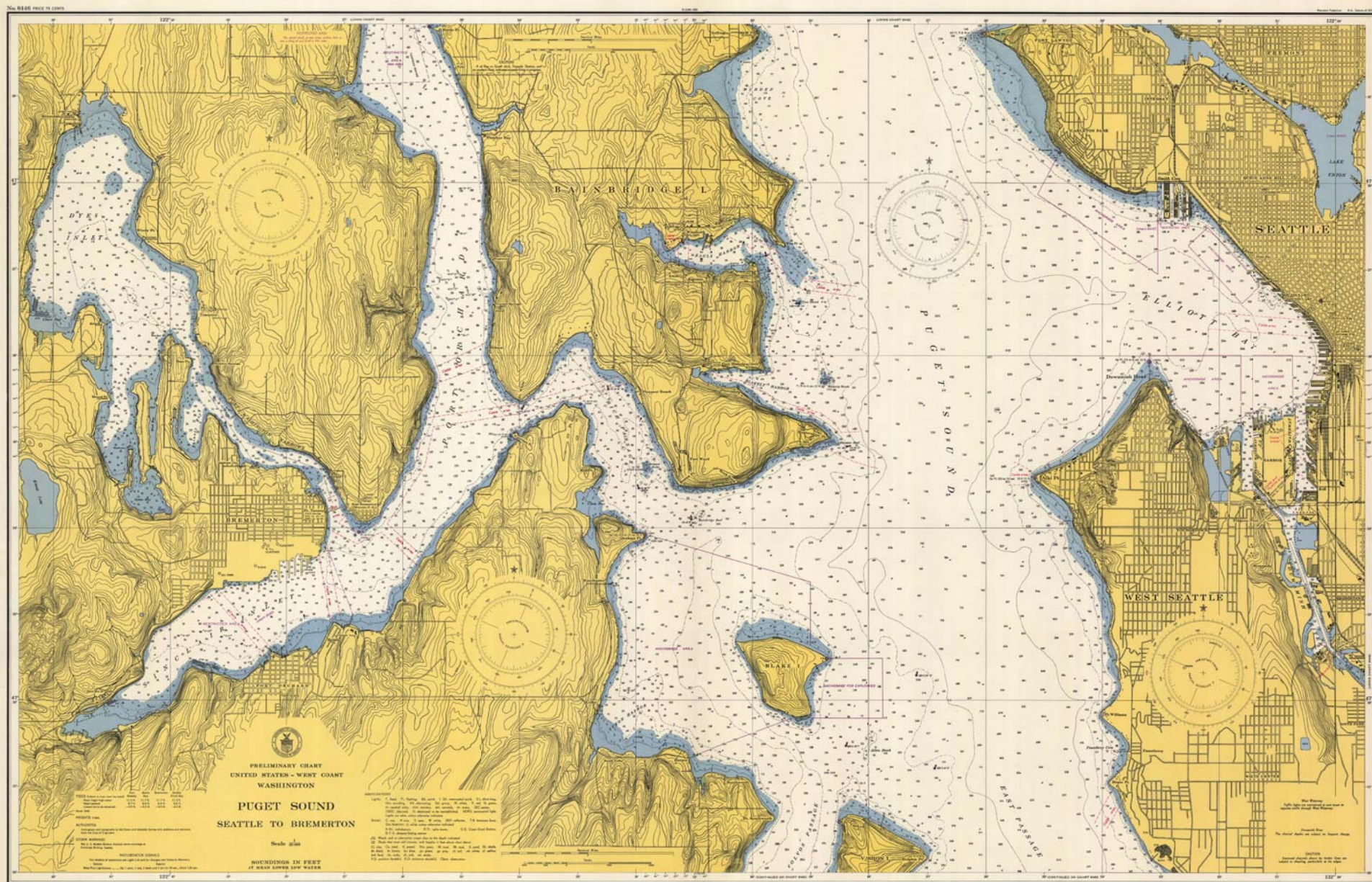
Washington Department of Ecology Coastal Atlas Data for Habitat Features and Biological Resources in Vicinity of Project Site



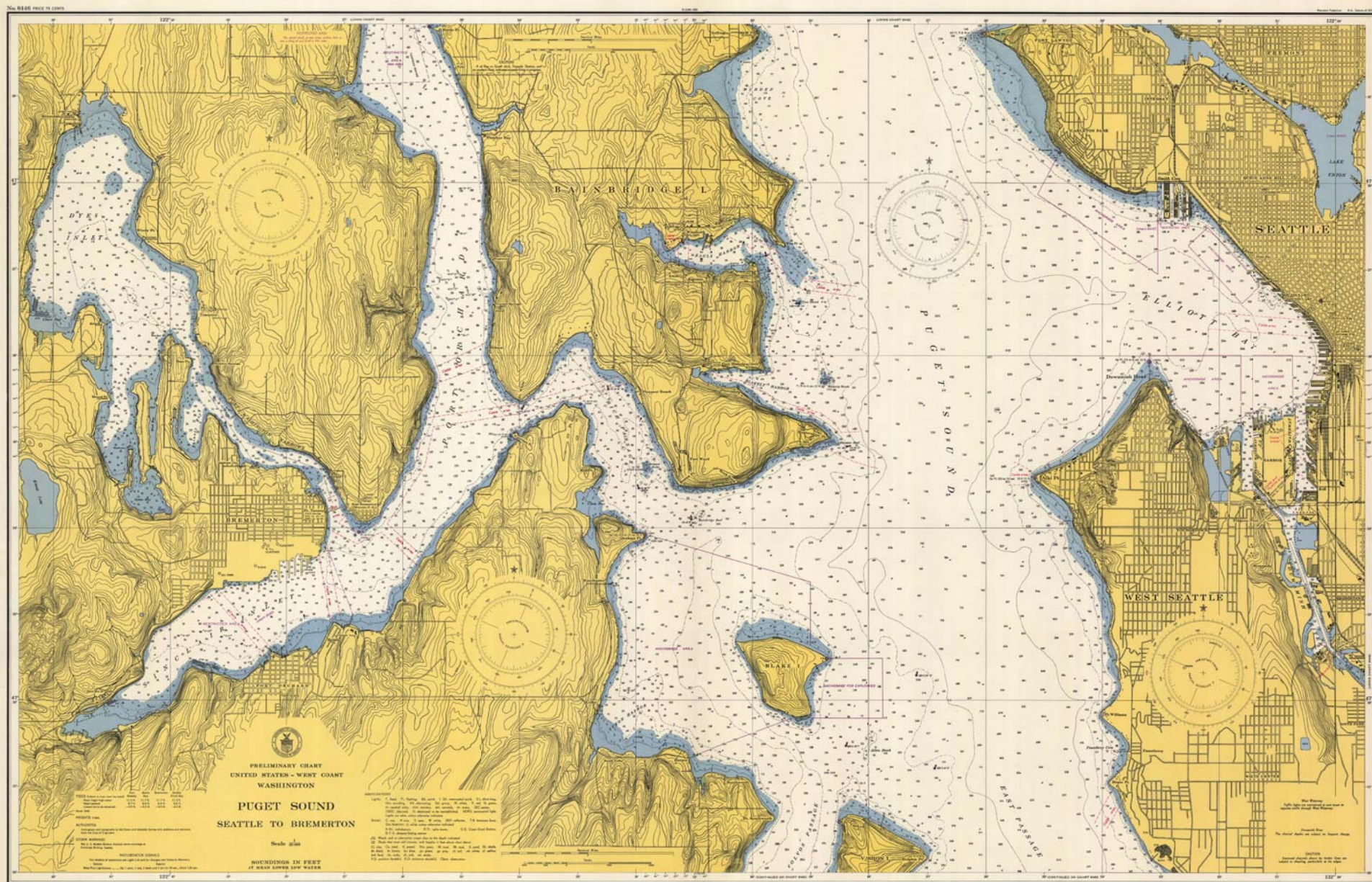
Map 7. Pocket Estuaries and Kelp Distributions



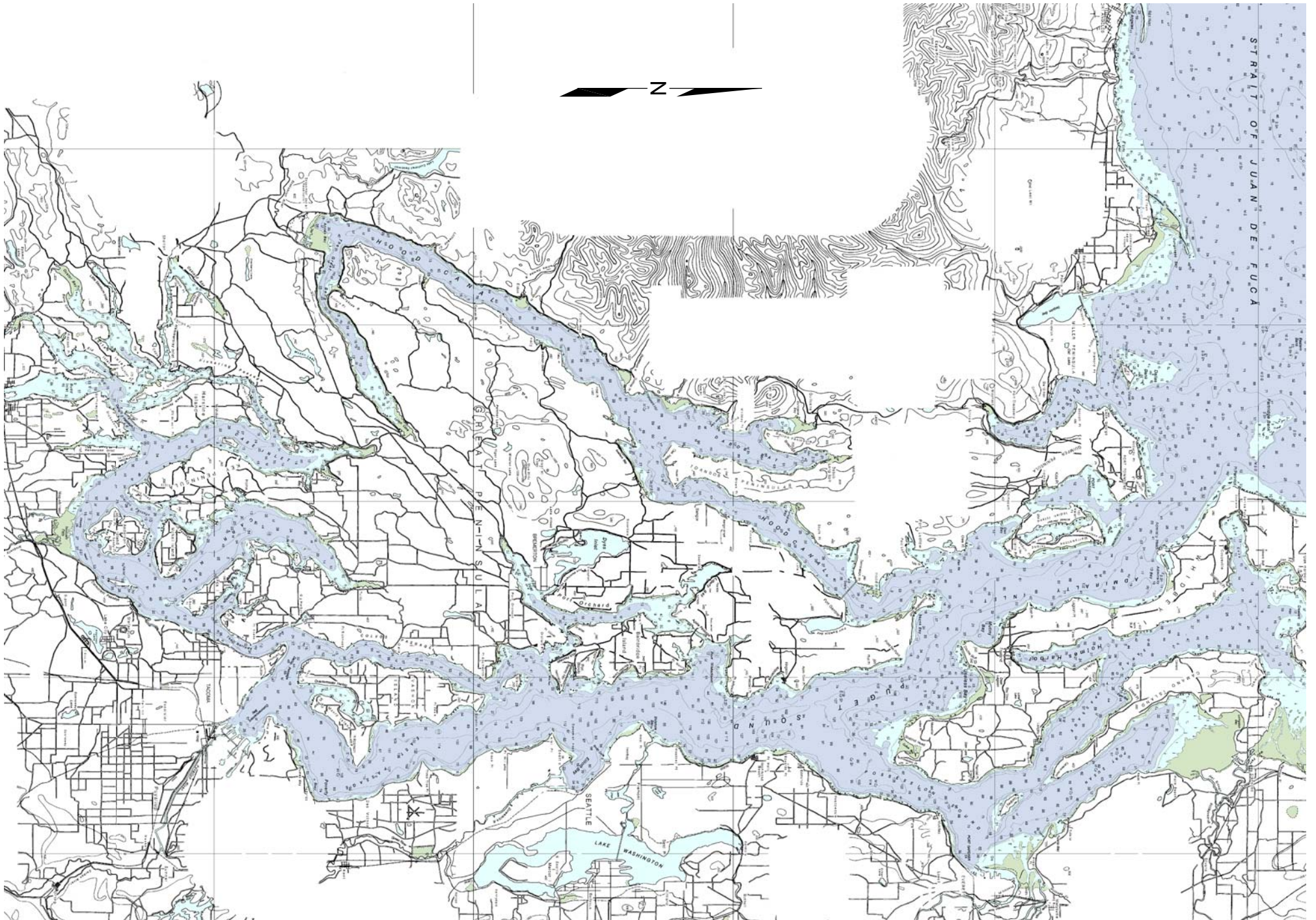
Map 8. Eelgrass and Marsh Distributions



Map 9. 1905 Navigational Chart



Map 10. 1948 Navigational Chart



Map 11. Historical Coastal Chart